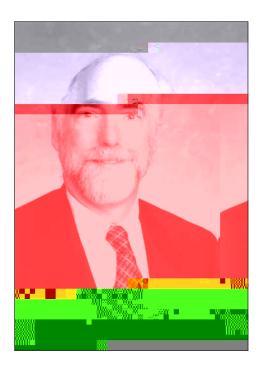


NAPA VALLEY COLLEGE 2004 · 2006 CATALOG

This catalog is in effect from Fall 2004 through Summer 2006.

Catalog Supplement printed in Summer 2005

Napa Valley College - 2277 Napa-Vallejo Highway · Napa, CA 94558 · 707-253-3000 Accredited by the Western Association of Schools and Colleges



PRESIDENT'S WELCOME

It is my pleasure to welcome you to Napa Valley College. Your decision to explore higher education is the first step on an educational journey. As the photograph on the cover of this catalog suggests, your educational path will provide opportunities to connect with others, express yourself in new ways, and achieve things you might never have thought possible.

You do not need to be sure about your educational goals prior to enrolling at Napa Valley College. Finding the path that feels right for you is part of the educational process that you will engage in at NVC, with the help of dedicated faculty and experienced college staff. Whether you decide to transfer to a four-year college, prepare for a career, or pursue your own personal development, there is a place for you at Napa Valley College.

As you read through the pages of the 2004 - 2006 Napa Valley College catalog, I encourage you to keep an open mind. There are no false starts or wrong turns when it comes to learning. Once you have mastered a difficult skill, felt liberated by a new idea, or seen the world through another's eyes, your life has been enriched. The most important thing is to seize the opportunity to learn.

I look forward to seeing you on our campus.

C'L Mu Canthy

Dr. Christopher McCarthy

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Academic Calendar

Fall Semester 2004

Instructional Excellence Day	August 13
Classes Begin	August 16
Last Day to Add a Class	August 30
Last Day to Apply for a Refund	August 30
Labor Day	September 6
Last Day to Drop Without a "W"	September 3
Last Day to Request	
Credit/No Credit Grading	September 17
Last Day to Petition for Fall 2004 Graduation	October 15
Last Day to Petition for	

Credit Class Schedules Available on Campus

Fall 2004	End of June	2004
Spring 2005	Middle of November	2004
Summer 2005	End of April	2005
Fall 2005	End of June	2005
Spring 2006	. Middle of November	2005

Dates for calendar and availability of schedules subject to change.

Please visit our website at www.napavalley.edu for complete and up-to-date information.

The Board of Trustees has been entrusted with the responsibility of protecting and developing one of the greatest resources a community can have - access to higher education for its residents and their families. It is our hope and belief that students educated at Napa Valley College will lead enriched personal and professional lives and that they will, in turn, make their unique contribution to this community and to the world in which we live.

> Napa Valley College Board of Trustees

Thank youetor theo td1068 h 32 leingsf that

The Napa Valley College Foundation, since its inception in 1968, has seen community loyalty and financial support for the college steadily grow. The inspiration for the generosity of our donors is, quite simply, students. Seeing NVC students achieve their educational goals keeps Foundation members intent on raising funds for special programs and activities, capital projects, and equipment, and scholarships. Supporting and rewarding excellence is a gratifying experience for all.

Napa Valley College Foundation

A place so near . . .

She Loves to Study

Brigitte Seidel was born in Germany and has lived in many

In any dible Description Come Due stress
Incredible Respiratory Care Program
Jeffrey Thomas is from Shreveport, Louisiana. He has worked for the Veterans Administration for 31 years, currently working at the V.A. Outpatient Clinic in Oakland. The need for more Respiratory Care professionals, specifically in Pulmonary Function, led him to Napa Valley College. His employer supports his retraining from being a medical clerk doing administrative work to becoming a Respiratory Therapist thanks to Napa Valley College. "The Respiratory Care Program here is incredible. The instructors are single-minded. They want you to be the best Respiratory Therapist you can be. The whole focus is on your success," he says, adding that students come from great distance to attend the program and that it is well respected and known in the health care field. "The individual attention is great."
In addition, Jeffrey went from not owning a computer to being comfortable doing research on-line. He appreciates using the college Library.
"If I live to be 150, I'll never forget what they (Respiratory Therapy faculty Robert Chudnofsky and Kate Benscoter) did for me. This program has opened doors for me." The Vallejo resident is excited and confident about his new career.

Ready for Transfer

Tony Arcudi's path to Napa Valley College has been a journey of self-discovery. From Massachusetts and what he describes as an "environment far from supportive of pursuing one's interests or education," he entered the Navy at age 17. He served as a Missile Navigation Supervisor on a ballistic missile submarine and also taught for the Navy.

After seven years of service, he successfully pursued a career in computer software. Tony traveled extensively and lived in Spain for a year. He began seriously thinking of a career change. "My interest in this field has its roots in a love for food and wine," he says.

He made a "leap of faith and moved to California to pursue a career in winemaking." His first stop was UC Davis but he needed academic preparation before being admitted. "It made sense to look at Napa Valley College. I felt welcomed right away. The small class environment and close rapport you have with professors makes a richer learning experience," he says.

$Angela\ Williams\ was\ in\ the\ honor\ society\ in\ high\ school.\ She\ graduated\ from\ high\ school\ in\ Fairfield\ and\ had\ friends\ who\ were$

A Good Foundation

A Stepping Stone

Joel Gutierrez went to work after graduating from Hogan High School in Vallejo; it was physical labor. He earned an associate's degree and took business classes at another community college with dreams of opening a restaurant. Then Joel found himself back working, operating a forklift and doing personal training. The work as a personal trainer developed into an interest in physiology and biology. Since he was working in Napa, he decided to major in biology at Napa Valley College. That was in the spring of 2001. He soon changed majors finally settling on physics. Joel became active in MESA (Mathematics Engineering Science Achievement) and participated in leadership retreats and club activities. After a summer 2002 internship at the Univer-

sity of Rochester in New York he made a presentation at a science conference with some 2,000 other students from around the country. That conference led to a second internship in the summer of 2003 at the University of Pennsylvania. The inspiration he received and role models he saw during those summers have given him a new goal, earning a Ph.D. Joel earned numerous scholarships to attend University of California, Davis, where he will transfer. He is interested in getting into research and teaching as a way to "give back." Joel has given back at Napa Valley College by tutoring others in math and science, just as he was tutored.

"There is a sense of family at Napa Valley College, a community. The teachers care that you learn something," he says, noting how his grade point average has gone up dramatically since high school. "It's a great stepping-stone on your way up. You have to learn to crawl before you walk and walk before you run. You get a good foundation here."

Financial Aid Makes College Possible

Maui Oregon had graduated from Temescal, a continuation high school in Napa, and was working three low-paying jobs to support his family. In 2002 his life changed when he became a full-time student at Napa Valley College. His friends told him about NVC's Telecommunications Program and encouraged him, as did his family. His wife was finishing NVC in Human Services when he started and they attended college together for a semester. He is now graduating with degrees in Communications/CATV Technology, Electronics Technology and Telecommunications Technology. He is looking forward to a career as a video engineer or post house engineer and says his fellow Telecommunications graduates have become like a family. He called engineering professor Ernie Abbott, who is retiring, "fantastic" and says he helped change him from someone who was not good at math to someone who enjoys it. Personal attention and additional help made the difference.

With a high GPA, Maui was selected to be one of the Class of 2004 valedictory speakers. He stresses the value of education and says the support he received at the college made getting his degrees possible. When others ask him about college but are worried about the cost, he tells them about all the Financial Aid aOmofesshe 01 as helped by EOPS (Extended Opportunity Programs and Services) and mentions BOG (Board of Governor) waivers, student loans and other special programs such as WorkAbility III. Maui says if there are obstacles in your path, they can be overcome.

So Much to Offer

Megan Bruce graduated from Vintage High School and was accepted at four-

Connecting to the Community		
Ericka Apple saw friends go off to four-year colleges and universities only to see them return. The Napa High School graduate felt it was a good and affordable decision for her to attend Napa Valley College. Working full time and going to school has been challenging but Ericka has excelled. She is graduating with a degree in Social and		
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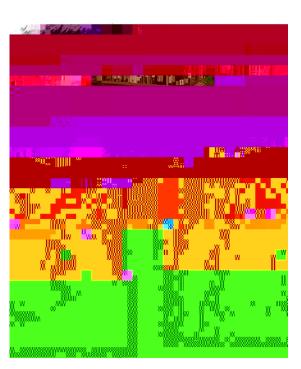
Successful Transfer

Dolores Flores-Chavez of St. Helena says that when she started college she was not ready to decide on a career. It was a counseling class at Napa Valley College that provided aptitude and interest testing which helped her find her direction. She graduated from Napa Valley College in 2003 and has transferred to Sacramento State University where she is earning a degree in social work. In fall 2004 she will intern as a peer counselor at Vintage High School.

She found NVC English classes to be extremely helpful and appreciates faculty members Denise Rosselli and Dr. Melody Seymour. Now that she has transferred on, she realizes "they were teaching at the university level. I was well prepared for transfer." Dolores also appreciates the math classes and the one on one attention. An SSS student, Dolores was working while she attended Napa Valley College and has continued in her part-time job at the college's Upper Valley Campus in St. Helena. Dolores, who was a member of the college honor society Phi Theta Kappa, says it was also a benefit to be able to live at home and attend Napa Valley College. "Napa Valley College helped me through. Everyone was helpful. They know your name."



Close to Home



Stephen Wolfe's educational journey has taken him from Napa High School to the Master's College in Southern California and now from Napa Valley College to the U.S. Military Academy at West Point.

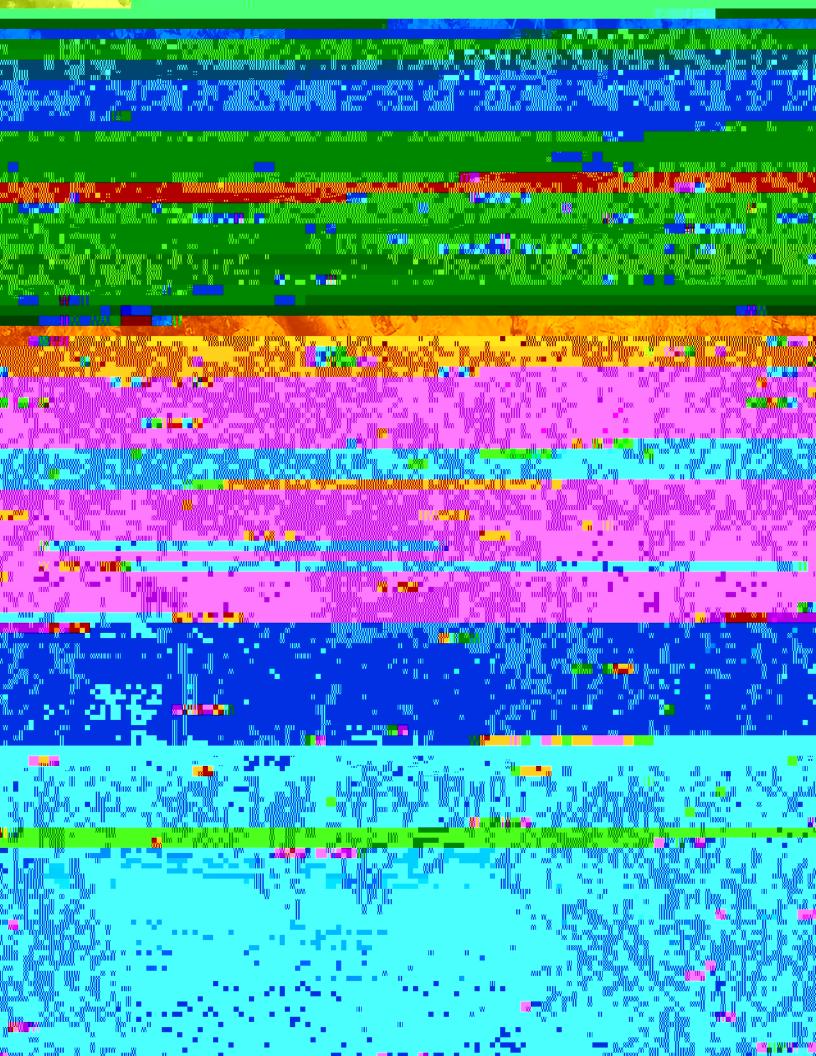
He served as an intern in Congressman Mike Thompson's office. Congressman Thompson says of him, "Stephen has the skills, desire and determination to succeed at West Point and as an Army officer. We are fortunate that he has chosen to serve our country through a military career."

Stephen will earn a bachelor's degree at West Point and be commissioned as a second lieutenant in the United States Army and serve on active duty. He is not sure about long range plans but may be interested in teaching, law or politics.

Stephen says he feels he grew and matured at Napa Valley College while he earned general education units. He appreciates the small classes and small campus. Stephen was active on campus with the new Conservative Club.

He says professors here were "the best...they care and know your name."

...can take you so far



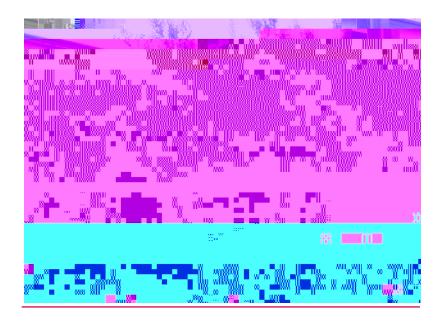
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INTRODUCING THE COLLEGE

Napa Valley College has stood for educational opportunity since it opened its doors more than sixty years ago.

NVC is one of 108 colleges in the California Community College system, the largest college system in the world. More than 9,000 full- and part-time students pursue their goals in day and evening classes each semester.

The serene, 180-acre main campus includes outstanding laboratories and technical facilities, fully accessible classrooms, and a six-acre vineyard. The Upper Valley Campus, in its picturesque valley setting in St. Helena, includes a professional teaching kitchen and a varietal collection vineyard. The atmosphere on both campuses is relaxed, informal and friendly. Faculty and staff share the belief that students do their best when they are both supported and challenged.



History The citizen

The citizens of Napa County made a clear commitment to higher education, in 1941, when they passed a bond issue to establish Napa Junior College. One year later, in 1942, Napa Junior College was founded as part of Napa Union High School district. World War II held its first class to just 16 students, only one of whom was male. Once the war was over, GIs flooded into the new college. During 1948-49, a modern new college was built next to the high school.

The community reaffirmed its commitment to the local college in 1962 by passing a bond issue to buy land and build a new college campus. After 23 years, the college had its own campus, its own school district, and an enrollment of 1771 students. It renamed itself Napa College.

In 1982, Napa College changed its name to Napa Valley College. The official opening of a permanent Upper Valley Campus in Fall, 1994, brought educational opportunities close to home for upper valley residents, and added new dimensions to the college curriculum.

Napa Valley College celebrated its sixtieth anniversay in 2002, and continues to seek new avenues of service to students and the community.

Accreditation

Napa Valley College is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges (3402 Mendocino Avenue, Santa Rosa, CA 95403, (707) 569-9177), an institutional accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and the U.S. Department of Education.

Board of Trustees

By state law, the Napa Valley Community College District is under the control of a Board of Trustees composed of seven community members. Elected from within established areas of the district, trustees serve four-year terms. In addition, students are represented by a student trustee, who is selected yearly as part of the ASB elections. The student trustee can make and second motions and has an advisory vote on all public session items. The Board meets

at least once each month, and agendas are posted in accordance with open meeting laws.

Napa Valley College Foundation

The promise of the future depends on our commitment to our students today. The Napa Valley College Foundation welcomes donations to scholarships and other programs that contribute to "Student success...that's what we're all about." The resources available to Napa Valley College continue to increase thanks to the efforts of the college Foundation and its dedicated trustees.

In 1968, a group of local citizens organized the Napa Valley College Foundation to increase community awareness, as well as build financial support for the college and its students. The Foundation is guided by the philosophy that the college is an investment in the future and its o 0rFouation i5nand its students. The

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Have you provided for Napa Valley College in your will or estate plan? You can obtain substantial tax benefits and income enhancement opportunities during your lifetime by making a gift of stocks, property, or other appreciated assets using a variety of estate planning tools. Our Legacy Society honors those who have made any type of bequest to the NVC Foundation. Your friendship and support are important to us and can help provide quality education for the Napa Valley well into the 21st Century.

Foundation funds come from generous donations of community members. This generosity, at the personal level, transforms lives and inspires our youth to succeed. Call the Foundation and Resource Development Office at 253-3374 for ways you can help support the goals and aspirations of NVC students and enrich your local community.

Napa Valley College Faculty

The community college is acknowledged by educators throughout the country for providing superior undergraduate education, crediting the emphasis on outstanding teaching. The Napa Valley College faculty upholds this tradition.

Napa Valley College faculty members are selected for their academic excellence and genuine interest in students. They have a profound respect for the abilities, needs, and dreams of every individual they teach. They have diverse backgrounds, but share a love of learning and a desire to pass it on to their students.

Our faculty keep abreast of the most effective teaching methods. They are creative, innovative, and hold high standards for their own scholarship. They support a learning process which continues throughout life.

The teacher-student relationship at Napa Valley College is encouraged. Students interact with their instructors in small classes and in regularly scheduled office 84 I-1.104i:s0 -18a

Primary Goals and Functions

- Transfer and General Education
 - Lower-division general education and major requirements for transfer.
 - Lower-division courses equivalent to the CSU and UC systems.
 - Articulation agreements with the CSU and UC systems to guarantee course transferability.

2. Career Education

- Associate degree and certificate programs important to the local/ regional economy.
- Training that leads to employment, updates skills, and provides job advancement.
- Retraining programs to meet the needs of students, business, industry, government, and non profit agencies.

3. Transitional Education

- Equal opportunity to instruction/ services for disabled or disadvantaged students.
- Developmental courses to prepare students for college-level courses.
- Tutorial services to supplement classroom instruction.
- English as a Second Language.

4. Community Education and Community Services

- Noncredit courses and community service classes responsive to the cultural, vocational, and personal development needs of the community.
- Short courses, special seminars, and workshops in response to local needs.
- Cultural and special events for the enrichment of students and community.

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INTRODUCING THE COLLEGE

The college's shared governance policy requires that standing and ad hoc committees and Academic Senate committees include appropriate representation from all constituent groups, including students, when matters being considered are within their purview.

Standards of Student Conduct

The students, faculty, staff and administrators of Napa Valley College are expected to respect the rights of all individuals in the campus community. Every individual operating within the law is guaranteed his/her basic freedoms.

Students may participate in demonstrations or protests as long as they do not prevent or restrict students, faculty members, or other employees of Napa Valley College from pursuing the normal functions essential to the well-being of the college. No person is to endanger the safety of others or the security of college property. Students are expected to obey all local, state, and federal laws and the campus regulations prescribed for the effective operation of Napa Valley College.

The Standards of Student Conduct provide uniform procedures to assure due process when a student is charged with a violation of these standards. All proceedings held in accordance with these regulations shall relate specifically to an alleged violation of the established Standards of Student Conduct. Students may obtain more information on the Standards of Student Conduct by contacting the Office of Student Services, Room 210H, or phone 253-3110.

Student Grievance and Complaint Procedure

The College believes that all students shall be afforded fair and equitable treatment in the application of all district procedures and regulations. Students who feel that there has been a violation or misapplication of the regulations in the college catalog, board policies, or operating procedures or who feel they have been denied due process may file a complaint or grievance. For complaints of unlawful discrimination, please see section of catalog on the Non-Discrimination Policy.

The grievance/complaint must be filed during the semester in which the problem occurs. To file, see the Vice President, Student Services, located in Room 210H of the Administration Building. The grievant/complainant is asked to first address the concern directly to the person or office causing the grievance/complaint.

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INTRODUCING THE COLLEGE

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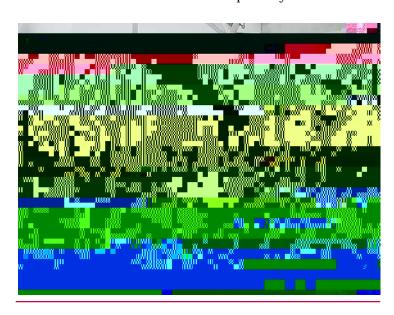
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THE COLLEGE AT A GLANCE

Napa Valley College serves a very diverse student population, and the college strives to meet the needs of all its students. Faculty and staff believe in the value of every educational experience and are eager to help students find the educational path that suits them best.

The college curriculum is divided into two programs: the credit program consists of courses for which college credit is earned; the community education program consists of courses for which no college credit is earned. Courses are scheduled in both programs throughout the year--fall and spring semesters, plus one summer session. Students may choose part-time or full-time study. Courses are scheduled during the day and evening hours at a variety of locations throughout the valley. Napa Valley College also offers weekend classes as a further help to our working students.

A Credit Schedule and a Community Education Schedule of classes are mailed to Napa County residents prior to registration dates each semester and summer session, and are also available online at www.napavalley.edu as well as on campus.



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Information on course offerings at the Upper Valley Campus may be found in the Napa Valley College Credit Program Schedule of Classes and the Community Education Schedule of Classes.

Evening and Weekend College Classes

Napa Valley College evening offerings provide opportunities for students to pursue their education at night. Courses required for many transfer programs, courses for in-service training, and general self-improvement and enrichment courses are offered at the main campus and various locations in the Napa Valley, including our Upper Valley Campus, during the evening.

Evening classes are a part of the regular college curriculum and carry the same college credit for degree and transfer purposes. For the convenience of evening students, evening courses of three hours generally meet only one night per week. Students may enroll in

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Credit Program

Student activities are centered in three buildings located adjacent to the Administration Building, housing the cafeteria, the bookstore, the student government, and the Financial Aid/EO PSoffices. The courtyard, referred to as the Quad, is often used by students for planned and impromptu concerts, meetings, and speakers. Student activities and community events are announced on the bulletin boards in the Quad area. A student lounge is located in Room 104A in the northeast corner of the cafeteria. For information on Student Center activities, contact the Student Activities Office, 253-3060.

Telephone Inquiries

If you would like information about the college or its services by phone, you may call Napa Valley College at (707) 253–3000. From outside Napa, call (800) 826–1077, toll-free. For individual office phone numbers, please refer to the telephone directory.

The Information Booth is open from 8:00 a.m. to 5:00 p.m., Monday through Friday. For information on specific programs, call the division chairperson (see page 211). For questions which require the services of one of our counselors, call the Counseling Department at 253–3040.

For students and faculty needing transportation to school, both the Napa Valley College main campus and upper valley campus are served by public transit. Both VINE Routes 5 and 10 serve the main campus. Route 5 provides service to the main campus from downtown Napa hourly, Monday to Saturday. Route 10 operates between Calistoga and the Vallejo Ferry Terminal with both northbound and southbound stops on campus. Route 10 operates between Calstoga and the Vallejo Ferry Terminal with both northbound and soutbound stops on campus. Route 10 serves the main campus Monday to Saturday with 14 stops in each direction on weekdays and eight (8) stops in each direction on Saturday.

The main campus bus stop is located adjacent to the Administration office near the flagpoles. The upper campus bus stop is located on College Avenue in front of the main driveway entrance.

The uppper valley campus is served by the St. Helena VINE Shuttle on weekdays between the hours of 7:48 am and 4:22 pm; there is no service between 12 noon and 1:30 pm. The St. Helena VINE Shuttle bus transfers with the VINE Route 10 in St. Helena.

The VINE and St. Helena VINE Shuttle buses are fully accessible and provide bicycle racks that will hold two bicycles. To obtain additional information about these services please contact the VINE Transit Center at 707-255-7631 or 1-800-696-6443; or visit www.NapaValleyVINE.net.

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THE ADMISSION PROCESS

The California Community College System is unique in the world. Open access is its hallmark; educational opportunity its goal.

At Napa Valley College, educational opportunity means that students of widely divergent educational backgrounds are welcomed. It also means that Napa Valley College makes a commitment to help each student admitted to the college to be successful. This commitment includes providing students with effective orientation, assessment, and counseling. We believe that these activities help students reach the

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THE ADMISSION PROCESS

The Admission Process— Matriculation

At Napa Valley College, our admission process includes more than filling out an application to the college. We have a special admission program designed to help you succeed in college. This program is called matriculation. It includes: assessment, orientation, counseling, registration, and the development of an educational plan.

All students are encouraged to participate in each of these activities. However, students who have earned an A.A./A.S. degree or higher are considered matriculated and are exempt from participating in matriculation activities.

Students may waive their right to participate in any of the matriculation activities. The waiver forms are available in the Admissions and Records. Students who waive the right to participate in matriculation will receive a lower registration priority.

Napa Valley College will:

- 1. Process applications for admission.
- 2. Orient students to NVC programs, services, policies, and facilities.
- 3. Sensitively assess the aptitudes, interests, and skills of students.
- 4. Thoughtfully counsel and advise students.
- 5. Assist students in the development of an educational plan.

Napa Valley College students will:

- State a broad educational goal upon admission.
- 2. Declare a specific educational goal after 15 units have been completed.
- 3. Regularly attend class.
- 4. Complete assigned homework.
- Participate actively in counseling, orientation/advising.
- 6. Actively seek support services as needed.
- Make progress towards the declared educational goal.

Napa Valley College believes that students who meet their responsibilities will enhance their success in college.

Assessment

Assessment sessions gather vital student information using tests and other measures to help predict courses in which students will h 2iiB9j-1.3Tc0.034 aromities will enhan will en-0.072 (c93T0 -h. W)47.courudents hyto

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- 3. Completed assessment through one of the following:
 - a. Completed English testing at NVC within the last 3 years.
 - b. Completed English testing at another college within the last 3 years.
 - c. Completed English 85 or higher at

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THE ADMISSION PROCESS

Procedimientos de admisión

Las solicitudes de admisión para el colegio de Napa Valley, están abiertas todo el tiempo para el corriente o futuro semestres. Los siguientes requisitos son necesarios para todo los estudiantes que piensan asistir:

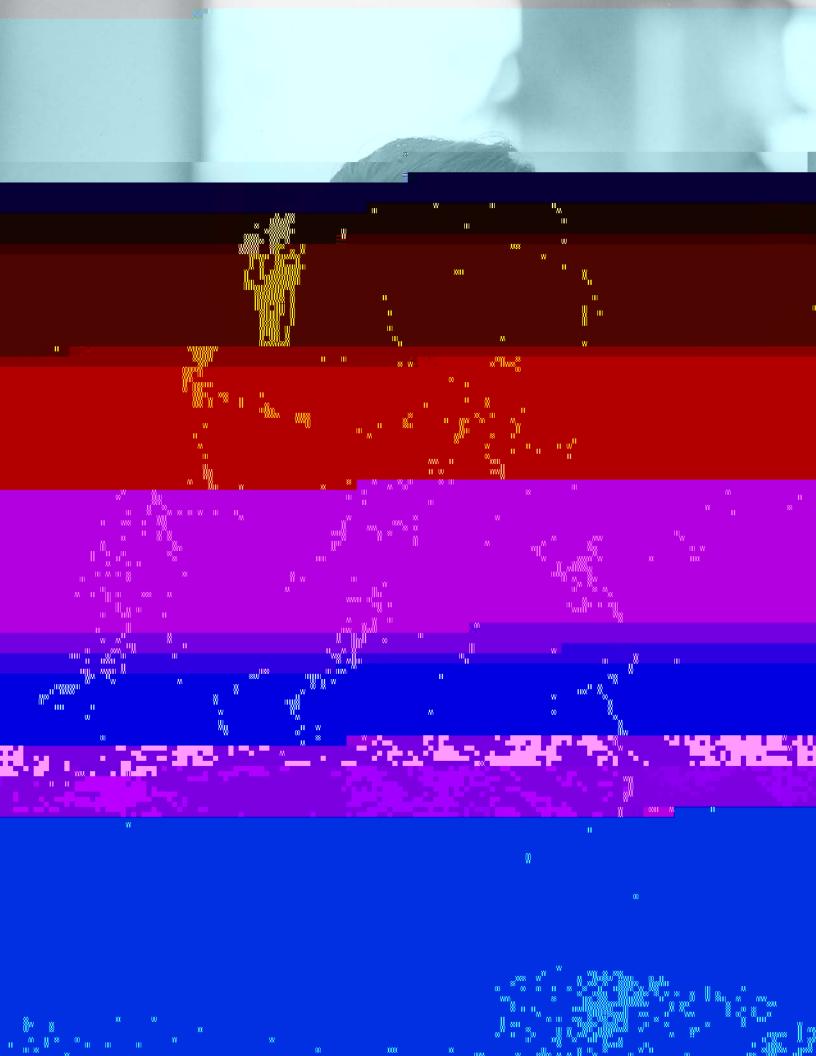
- Llenar la solicitud de admisión completando la forma "CCC apply" en el internet. Esta forma se puede obtener a trevés de la pagina web del colegio (www.napavalley.edu). (No es necesario aplicar de nuevo si usted es un estudiante continuo, pero sí deben de reportar cambios de nombre, dirección, y especialización.)
- 2. Si planea continuar una carrera, usted necesita presentar sus certificados de estudios completados en otras instituciones.
- Veteranos deben de aplicar para beneficios de educación al tiempo que apliquen para ser admitidos al colegio. (Para mas detalles, vean la sección de Beneficios para Veteranos.)

Los siguientes requisitos también deberán ser completados por todo estudiante nuevo al colegio.

- 4. Hacer una cita en la oficina de Learning Skills Center para tomar el examen de "CELSA." Este examen le ayudará a encontrar el nivel apropiado de inglés.
- S necesita ver a un consejero, tendrá que hacer sus citas con esta oficina. Las citas pueden ser dadas a diferentes horas.
- Cuando atienda su orientación su coordinador le dará su forma de registración. L'énela y asegúrese que el/ ella firme antes de salir de orientación.
- 7. Regístrese para las clases y esté seguro de entregar su forma de registro firmada y los resultados del examen.
- 8. Durante su primer semestre, se recomienda hacer una cita con un consejero para obtener más asistencia en el desarrollo de su plan educativo.

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REGISTRATION INFORMATION

Once a student has submitted an application to the college and has participated in the admission process as described in the previous chapter, the next step is to

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Other Ways To Earn College Credits

Credit by Course Challenge

Any student who is currently enrolled at Napa Valley College may challenge some courses offered by the college. Typically, students take an examination, and the grade received (including For credit/no-credit) will become part of the student's permanent record. Credit earned by examination/challenge cannot be used to change a grade or to remove a "W" or "I" grade. Students may earn up to 12 total units by challenge.

Students in health occupations programs may challenge courses based on their previous education and experience. The recommendation of the Dean, Health Occupations is required. Units awarded to health occupations students may not exceed 12 units.

Students who are interested in challenging a course should contact the Office of Instruction, Administration Building, Room 204.

Advanced Placement (AP)

Students who successfully complete Advanced Placement (AP) Examinations may be eligible to receive college credit. To receive credit, students must achieve a score of 3, 4 or 5 on each AP exam. This credit may satisfy general education requirements for Napa Valley College, the California State University and the University of California. An official report of your test scores should be sent to the Admissions and Records Office and a petition filed requesting credit for your examinations. Contact the Admissions and Records Office or consult with a counselor regarding details.

Evaluation of Credit from Other Institutions

Napa Valley College accepts many lower division college or university units earned at other accredited institutions. These transferred units may be used to satisfy graduation requirements. Official transcripts should be sent to:

Napa Valley College Evaluation Technician Admissions and Records Office 2277 Napa-Vallejo Highway Napa, CA 94558

The Admissions and Records staff will determine eligibility for, and extent of, credit. In general, there are no limits to the number of units a student may transfer to Napa Valley College. Courses may be used to meet degree requirements at Napa Valley College even if they have been used to meet requirements at another college or even if they are several years old. Napa Valley College does not grant college credit for courses completed at non-accredited colleges/universities, for life experiences or for upper division courses. See the graduation requirements below for more information.

Military Service Credit

Veterans may receive credit for military service

Prerequisites

Napa Valley College strives to guide students into courses in which they will have the greatest chance for academic success. To achieve this goal, the catalog listings include statements concerning prerequisities, co-requisites or other limitations on enrollment.

- A "prerequisite" means a course that a student is required to have taken prior to enrolling in a specific course or program.
- 2. A "corequisite" means a course that a student is required to take *at the same time* as another course.
- An "advisory" or "recommended preparation" means a condition of enrollment that a student is advised, but not required, to meet before enrolling in a course or program.

The Board of Governors of the California Community Colleges adopted Title 5 regulations affecting limitations on enrollment. Accordingly, the Academic Senate and the Board of Trustees of Napa Valley College jointly approved a general policy to conform to the state regulations concerning prerequisites and other limitations on enrollment.

The College has developed procedures to ensure that such limitations be established, reviewed, and enforced in a fair and consistent manner. The following applies to all courses offered at Napa Valley College:

- a. generally, courses listed together numerically (SPAN 120, 121) comprise a sequence, and unless specifically designated, must be taken in order.
- no student may receive credit for a course which is prerequisite to a course he/ she has already completed.
- c. in order for a course to count as a prerequisite, a minimum grade of "C" must be earned. (Exceptions may be made only by instructor assessment of relevant background experience.)

Challenging a Prerequisite

Prerequisites may be challenged for the following reasons:

- You have the knowledge or ability to succeed in the course or program despite not meeting the prerequisite.
- You have not completed the health and safety prerequisite, but can demonstrate that you do not pose a threat to yourself or others.
- You will suffer undue delay (a semester or more) in attaining your degree or certificate, as specified in your educational plan, because:
 - (a) a course has not been made reasonably available or
 - (b) the course has limitation on enrollment due to intercollegiate competition or public performance or
 - (c) enrollment has been limited to a set group of students.
- 4. The prerequisite or condition on enrollment is in violation of Title 5.
- The prerequisite has not been established in accordance with the district's process for establishing prerequisites and corequisites.
- The prerequisite is either unlawfully discriminatory or is being applied in an unlawfully discriminatory manner.

Contact the Counseling Center regarding information and forms for challenging prerequisites.

Waiting List

A paid waiting list will be established in the event that a class becomes full (not all classes will establish waiting lists). Students will be given the option to be placed on the waiting list. It is the instructor's perogative to accept students from the waiting list into the class. Should an instructor choose not to include students from a waiting list, enrollment fees will be automatically refunded. Contact the Admissions and Records Office for more information.

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REGISTRATION INFORMATION

Transcripts of Academic Records

Transcripts are confidential records of a student's academic history and will be released only upon written request by the student. Transcript request forms are available in the Admissions and Records Office or on the college website at www.napavalley.edu. Transcripts will not be released for students with outstanding college debts.

The first two official copies of a student's transcript will be issued at no charge; each additional copy is \$2. Students should allow at least five to seven working days to process a transcript request. Students can request re-

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Attendance

Regular attendance in all classes is important for satisfactory academic progress. The Napa Valley College attendance regulations make provisions for a limited number of unavoidable absences. However, a student who is absent for as many times as a class meets each week will have exhausted this provision. An instructor may request verification of those absences. Further absences may cause the instructor to drop the student from the class.

Students dropped from a class must submit a petition to the Vice President, Student Services in order to be reinstated. If a student is absent because of illness, a signed statement from a physician must be attached to the petition. It is important that the student contact the instructor as soon as possible after an absence has occurred. The Office of Student Services is located in Room 210H, McPherson Administration Building.

Unit

A standard unit of credit represents one hour per week of class work and two hours per week of related activity. However, in laboratory and certain activity courses, a larger number of hours per week may be required for each unit of credit.

Classification of Students

The following classifications are used to determine eligibility for certain programs and activities.

Freshman: A student who has completed fewer than 30 semester units.

Sophomore: A student who has completed 31-60 semester units, or who has 60 or more units but does not hold a degree.

Full-time: A student who is registered for 12 or more units per semester, six or more units per summer session. Veterans on full-time benefits, athletes, Social Security recipients, and students with foreign student visas must carry at least 12 units.

Part-time: A student is registered for fewer than 12 units per semester or fewer than six units per summer session.

Matriculated: A student who has completed assessment and orientation at NVC or who has already received an AA/AS degree or higher.

Final Examinations Schedule

Students are required to take final examinations in all courses at the end of each semester. Normally, two hours are given to complete examinations. An examination schedule for each semester is printed in the Schedule of Classes and is also available from the Admissions and Records Office.

Grading System

Napa Valley College assigns grades according to the following standards of work performed by students:

A — excellent

B-good

C — satisfactory

D — barely passing

F — failed

CR — satisfactory and credit awarded

NC — no credit

W — withdrawal and no credit

I — incomplete

IP—in progress

RD — report delayed

MW — military withdrawal

Credit/No Credit Grading

Students may choose, no later than the fifth Friday of the semester, to change enrollment in a class to Credit/No Credit basis, rather than receive a letter grade. ("Credit/No Credit" is equivalent to grading on a "pass/ not pass" basis.) Academic performance equivalent to a grade of "C" is required to earn credit. Forms are available in the Admissions and Records Office.

The total number of units taken for "Credit/ No Credit" may not exceed 12 semester units in courses applicable to the associate degree (courses numbered 90-399). Credit/No Credit

ACADEMIC STANDARDS

courses must be outside those required for a student's major, unless this is the only grading option for a course. There is no restriction on the number of units that may be taken for Credit/No Credit in non-degree applicable course work.

Credit/No Credit grading requires students to regularly attend class and complete course work. A student will receive a "CR' on his/her transcript if class work is of "C" quality or better. An incomplete designation will be available to students using the CR/NC option in conformance with the grading policy.

Incomplete Grade

Students who cannot complete academic work by the end of the semester because of an emergency or other justifiable reason may contract for an "I" (incomplete) grade. The Agreement to Complete Course Requirements may be obtained at the Admissions and Records Office and must be signed by the student and the instructor. This form includes the conditions for removal of the "I" and the grade to be assigned in the event the conditions are not met.

A final grade shall be assigned when the work has been completed or when the time limit for completing the work has passed. The final date of completion shall be a joint decision of the instructor and student but shall, in no case, exceed a time limit of one semester beyond the end of the semester in which the work was originally to have been completed. A student may petition the Vice President of Student Services for an extension if there are unusual circumstances. The Vice President, with the concurrence of the instructor, may grant the extension.

Grade Point Average

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Withdrawal from a class (or classes) shall be authorized through the 14th week of instruction or 75 percent of the term, whichever is less. The academic record of a student who remains in class beyond this time must reflect the symbol A, B, C, D, F, CR, or NC. No notation ("W" or other) shall be made on the academic record of the student who withdraws during the first four weeks or within the firs 30 percent of the term, whichever is less. A "W" shall be recorded on the student's academic record throught the 14th week of instruction

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Removal from Probation

Academic Probation: When the cumulative GPA of a student on academic probation becomes a 2.0 or better he/ she shall be removed from academic probation.

Progress Probation: When a student on progress probation receives grades of "W," "I" and "NC" in less than 50% of his/her cumulative units of enrollment at Napa Valley College, the student shall be removed from progress probation.

Dismissal

A student on academic probation shall be subject to dismissal if the student's cumulative GPA is below a 2.0 for each of three consecutive semesters. A student on progress probation shall be subject to dismissal after three consecutive semesters on progress probation.

Students will be notified of their probation or dismissal status on the grade report card.

Right of Appeal

Any student who is placed on probation or is dismissed may appeal in writing to the Associate Dean, Admissions and Records. The student's counselor may present the appeal if the student prefers this option.

Reinstatement after Dismissal

A student is reinstated after one semester but remains on probation until the cumulative grade point average reaches 2.0 or higher.

Academic Honesty

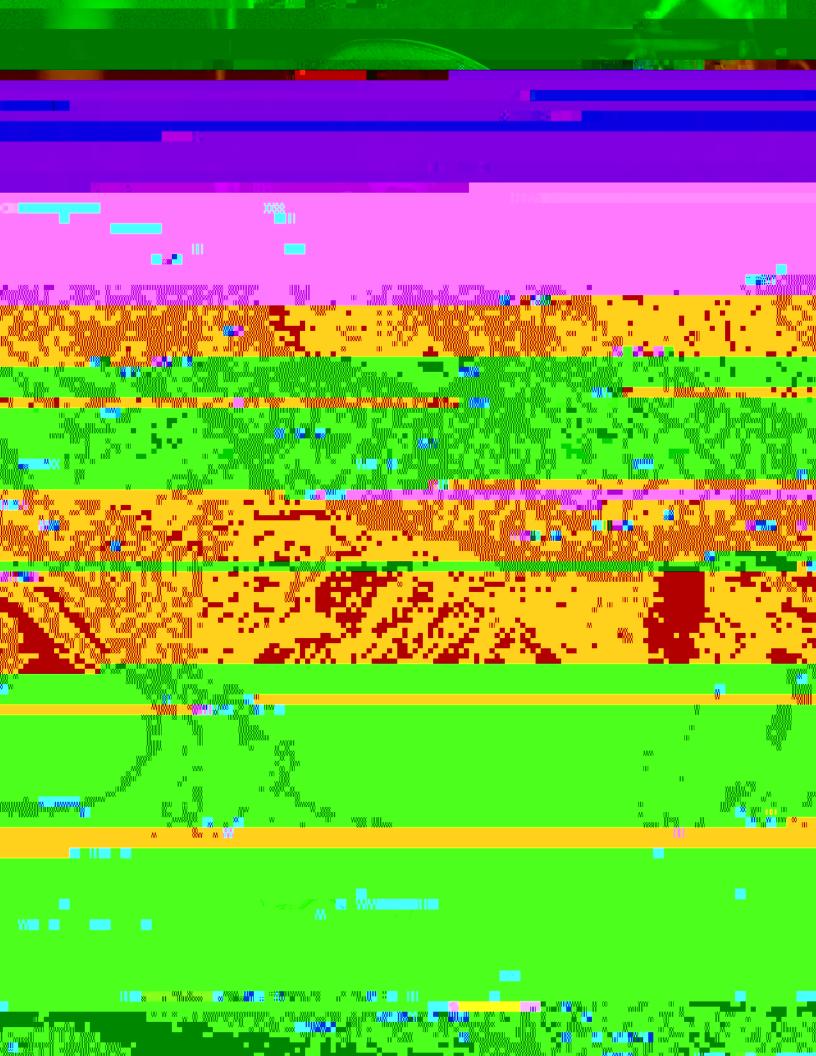
Defininition of Academic Honesty

Napa Valley College values integrity, honor, and respect in all endeavors, both personally and professionally. Thus, the faculty at Napa Valley College wishes to help our students maintain the highest academic standards of honesty, therefore, it is expected that a student's academic work be of his/her own making. In spite of the increased use of collaborative learning and other forms of group work (e.g., labs, study groups, group projects), it is important that each student remain accountable

for his/her own work, whether it be individual or group assignments or tests. We recognize that most students maintain highly ethical work standards; however, failure to abide by this standard of conduct is considered to be aca-

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Attendance Grading Program Changes Probation Academic Honesty



STUDENT SERVICES

Student Services are an integral part of the learning environment at Napa Valley College. They are designed to help you succeed in your academic endeavors. Taking advantage of the many resources available at the college can help you earn better grades and speed your progress towards achieving your educational goals.

Counseling and Advising

Counselors at Napa Valley College are dedicated to enhancing student learning, recognizing diversity, and suporting students in their personal development and the realization of their educational goals. Staff in the Counseling Division are available to assist students with a variety of academic, financial, career and personal needs that may affect their educational success. In order to meet the needs of our students and our community, we are committed to providing comprehensive support services that will enhance our students' educational experiences.

Academic Counseling

- Orient students to Napa Valley College's academic policies, procedures, programs and services.
- Provide a holisitic assessment of students, including their academic strengths and weaknesses, in order to assist them with class selection.
- Help students clarify their academic goals, select a major, and develop realistic academic work loads.
- Provide information on vocational degree and transfer programs, including general education and major course requirements.
- Assist students in developing educational plans that satisfy graduation and transfer requirements.
- Offer workshops on special career topics, including nursing, teaching, and engineering.
- Provide activities and services to assist students in their transition to a four-year institution.

Career Counseling

- Provide students with an assessment of their skills, abilities, interests, work values and personality style.
- Provide information on current and future employment trends.
- Help students develop effective models for career decision-making and goal-setting.
- Provide instruction and guidance in job search techniques.
- Develop and teach counseling classes which emphasize career exploration and college success.

Personal Counseling/Crisis Intervention

- Provide short-term counseling. Refer students to appropriate community resources.
- Assist students with personal, family, or other issues that may impact their educational progress.
- Offer support to students with a respect and understanding for their backgrounds, cultural values, gender, communications styles, abilities and/or limitations.

Outreach/Pre-Enrollment Advising

- Advise potential students and community members of the college's programs and services.
- Participate in community activities that promote the college.
- Act as liaison between the community's schools/ agencies and the college.
- Provide activities and services to recent high school graduates to ease the transition from high school to college.

Counseling Appointments

Regular appointments: 30 to 45 minutes in length. These appointments are used for the formulation of educational plans, course planning, transfer planning, and other academic, personal or career concerns. Counselors are provided with your record when you schedule a regular appointment.

Since appointments are limited and fill quickly, students are advised to make appointments as early in the week as possible.

Drop-in appointments: Drop-in appointments are available to students during registration periods. The Transfer Center has 100% drop-in appointments year-round; individual appointments may be scheduled after the first visit.

Counseling appointments can be scheduled in person or over the phone in any of the following locations:

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STUDENT SERVICES

Career/Job Placement Center Administration Building (Room 205) (707) 253-3050

Counseling Center

Administration Building (200) (707) 253-3040 (VOICEor TTY) or (800) 826-1077, ext. 3040 (VOICE or TTY)

Financial Aid/EOPS Office

Room 102 (707) 253-3020

Note: Students enrolled in the EO PS, SSS, WIA and/or CalWO RKS programs may schedule appointments in this office.

Transfer Center

Library Building (300) (707) 253-3115

Student Support Services

Student Support Services, South (1600A) (707) 259-8016

Note: Students enrolled in the SSS program may schedule appointments in this office.

WorkAbility III

Student Support Services, South (1600A) (707) 259-8911

Note: Students participating in this program may schedule appointments in this office.

Ensuring a Successful Counseling Appointment

Student's Responsibility:

- Show up on time for the appointment or meeting.
- Understand the purpose of the appointment.
- Make sure that all other college transcripts are on file and have been evaluated by Napa Valley College's evaluator who is located in Admissions and Records.
- Come to the appointment prepared with pencil, paper, a list of questions/ concerns.
- Bring any academic materials you possess that are relevant to the appointment.
- Be prepared to answer counselor questions related to your academic history, educational goals, career ideas and personal problems as they impact your educational progress.

 Inform secretarial staff of special needs when scheduling your appointment (e.g. notetaker, interpreter, etc.).

Counselor's Responsibility:

- Be prepared for the student appointment.
- Maintain confidentiality that is within legal mandates.*
- Provide accurate and timely information within a safe and secure environment.
- Make appropriate referrals for additional information or support.
- Research issues as they relate to student concerns.
- Follow-up on student inquiries.
- What is discussed in a counseling session is confidential, with two exceptions:
- 1. When a student signs a "Release of Information" form, information can be released to those persons/agencies/progrmas identified on the release.
- 2. The counselor or advisor/teacher is required by law to report if you indicate that you are in danger of harming yourself (or someone else) or injury has been inflicted on a child or elder by other than accidental means.

Student Service Centers on Campus

- CampusComputerLab
- Career/Re-EntryCenter
- Child Development Center
- Counseling Department
- Diagnostic Learning Services
- Financial Aid/EOPS/SSS/Veterans
- Heath Services
- Job Placement Center
- Learning Skills and Testing Center
- Library
- Media Services
- Office Skills Center
- Re-Entry Services
- Special Services
- Student Support Services (SSS)
- Transfer Center
- Women's Resource & Action Program
- Writing Center

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Child Development Center

The Napa Valley College Child Development Center is a state-licensed and funded facility which can serve over 125 student families each semester. It is open daily from 7:45 a.m. to 4:00 p.m. for children aged three months to five years old.

The staff focuses on the emotional and social development of each child in a warm, nurturing environment. An age-appropriate program of cognitive and physical development is also provided. Daily activities include art, music, dramatic play, science, literature, language development, and creative problem-solving. An emphasis is placed on a multicultural, bilingual approach. A nutritious breakfast, lunch and snack are provided daily, a daily rest time is provided for full-day children.

Parents are considered an integral part of the program and are encouraged to help in the classroom as time permits. Each parent is offered assessments on their child's progress and parent-teacher conferences each semester. A Parent Advisory Council helps to set guidelines and give input into the goals of the program. Parent activities offer support groups, events for families, and facilitate parent participation.

Priority for admission is based on state guidelines. Fees are based on a sliding scale issued by the State Department of Education. Most student-families receive fully subsidized care. The Center provides work-study positions for child development majors and provides 5 paid internships for CFS students who have completed their practicums. The center is also a child observation site for health occupations and nursing students at Napa Valley College.

The Center staff consists of specialists credentialed in Early Childhood Education. State-

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STUDENT SERVICES

and treating illnesses and injuries. Short-term and emergency psychological counseling is available with a licensed therapist. When necessary, you may be referred to services off-campus. To contact the Student Health Center, call 259-8005.

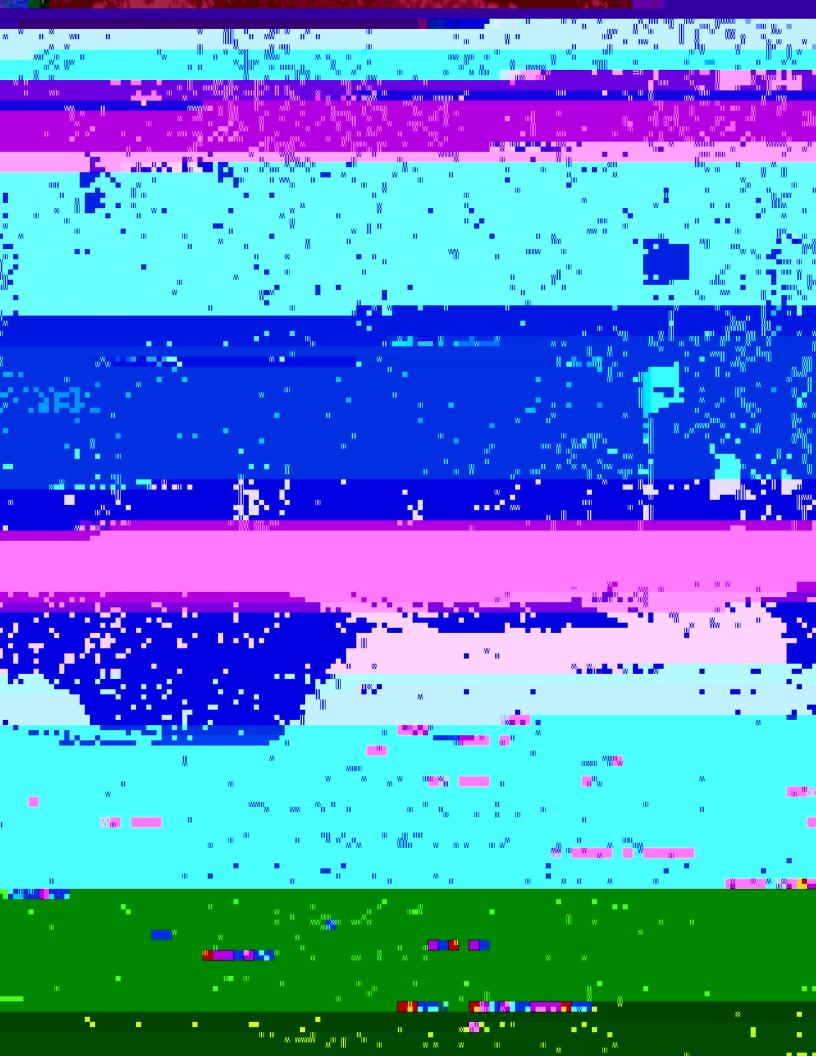
Napa Valley College Blood Drives

The Napa Solano Community Center of the Irwin Memorial Blood Centers mobile unit comes to Napa Valley College several times a

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FINANCIAL AID

The Financial Aid/EOPS Office offers a variety of aid programs, including grants, loans, scholarships, and work study opportunities to assist students in meeting the cost of attending Napa Valley College.

Students are urged to contact the Financial Aid/EOPS Office for application information. Don't disqualify yourself! If you think you need financial aid, apply for it.

If you are a new applicant, complete the Free Application for Federal Student Aid (FAFSA). You will be considered for the Federal Pell Grant, Cal Grants, Federal Supplemental Educational Opportunity Grant, Federal Work Study, State Work

Awards

Priority for financial aid funding is given to

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Refunds/
Repayments
Grants
Veterans
Benefits

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Eligibility Jobs

Loans

Emergency Loan funds for books and supplies are available on a limited basis through the Napa Valley College Foundation. Apply at the Financial Aid/EOPS Office at the beginning of each semester. Funds are limited and are awarded on a first-come, first-served basis.

William D. Ford Federal Direct Loans are available to eligible students who have completed the financial aid application process. These loans have a low variable interest rate and are repayable six months after the borrower ceases to be a half-time student. Loan applications are available August 1 through April 1. For additional Direct Loan information, contact the Financial Aid/EO PSOffice.

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Other Services

Extended Opportunity Programs and Services (EOPS)

The Extended Opportunity Programs and Services program offers a wide variety of special support services and financial aid to eligible students. Services include academic and financial aid advising, personal and career counseling, registration assistance, outreach activities, assistance with transfer to 4-year schools or transition to work. Other services include referrals to the many social service

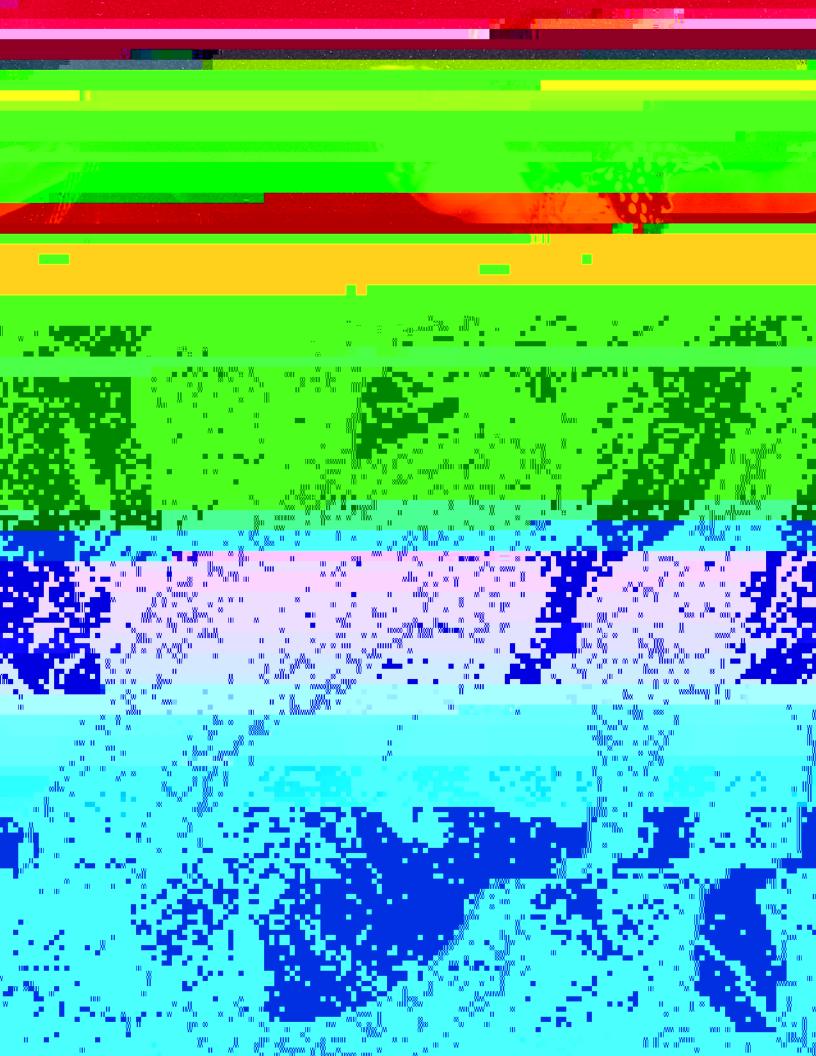
Eligibility
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FINANCIAL AID

required to repay all or part of the funds received. Students who have a cumulative GPA of less than a 2.0 may be denied financial

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Refunds/
Repayments
Grants
Veterans
Benefits



Student Life

A college education at Napa Valley College extends outside the classroom walls. Student Life also consists of a wide variety of activities, organizations, and shared governance. Students who decide to participate will enrich their own lives, and the life of the larger campus community. This important decision will make the college years more enriching, and improve the student's academic performance as well.

Participation in student activities fosters relationships with other students, advisors, and administrators through which valuable leadership skills are developed. Students have the opportunity to participate on committees where many administrative decisions are made including the hiring of staff. Transfer institutions and employers often consider participation in student activities a factor in selection.

Don't miss out on the richness of an active college life. Your involvement can begin with as little as an hour or two a week. The skills you learn and the friendships you make may well last a lifetime.

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Associated Student Body

The Associated Student Body is the official organization of students enrolled at Napa Valley College. Students are encouraged to support the student body through the purchase of an ASB ID card and through active participation in student affairs.

With the purchase of an ASB ID card, students are entitled to discounts for ASB-sponsored events and college activities. An ASB card can be used as identification for athletic and physical education equipment and facilities. Discounts may be available at specific, off-campus stores, theaters, and restaurants. ASB ID cards are purchased for \$5.00 each semester or \$9.00 for a year (subject to change). The cards display the student's name, birth and expiration date, and a photograph. See the ASB Office for a list of local businesses offering a discount with your ASB ID card.

ASB Executive Board

Student-elected officers serve on the Executive Board, which governs ASB. Members of the ASB Board include a President, Vice President, Secretary, Financial Officer, and several Senators representing each academic area of study. There is also an elected student trustee, who serves on the College Board of Trustees.

ASB
Student Council
Clubs
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Music

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- LVN Club
- Parent Care Club
- Phi Theta Kappa
- PottersGuild
- Psych Tech Club
- Respiratory Therapy Club
- RN Association
- SMPTE (Society of Motion Picture and Television)
- S.T.A.I.R (Students Taking Action In Recovery)

New clubs are frequently recognized throughout the year. Students wishing to establish a club should contact the Student Activities Office, 253-3060. Clubs must participate in the Inter-Club Council (ICC).

Recreation

Although there is no intramural sports program at NVC, the P.E. and athletic facilities are open to students for recreational use at designated times. Students are encouraged to supplement their physical education classes by taking advantage of recreational opportunities. An ASB card allows students to check out athletic equipment at the window of the equipment room and to use the following facilities during specific times (posted in the P.E. office and outside the racquetball courts and weight room):

- Jogging Trails
- Sx outdoor paddleball courts
- · Outdoor volleyball courts
- Outdoor basketball courts
- Eight outdoor tennis courts
- Four indoor racquetball/hardball courts
- Weight rooms
- · Golf hitting screens

Intercollegiate Athletics

Napa Valley College is a full member of the Bay Valley Conference. In the fall, Napa Valley College is represented by teams in Men's Soccer, Women's Volleyball, Women's Golf, and Men's and Women's Basketball. In the spring, Napa Valley College is represented by teams in Men's Baseball, Women's Softball, and Men's Golf.

Students who represent Napa Valley College through participation on an athletic team are subject to the current rules and regulations of the California Commission on Athletics.

Through a joint agreement students may attend Napa Valley College full-time and participate in the following intercollegiate programs at Solano College: football, women's soccer, and men's and women's waterpolo.

More information on athletics may be obtained by calling the Athletic Department, 253-3222.

Theatre

Actors in the Drama Department present campus shows and touring productions each semester. Participation is open to all. Auditions and technical assignments are arranged in the first week of each semester.

Periodically the Drama and Music Departments collaborate in the production of a musical. More information can be obtained by calling 253-3200.

Many jobs for credit (and some for pay) are also available in technical aspects of production: sets, lights, costumes, make-up, sound, and publicity.

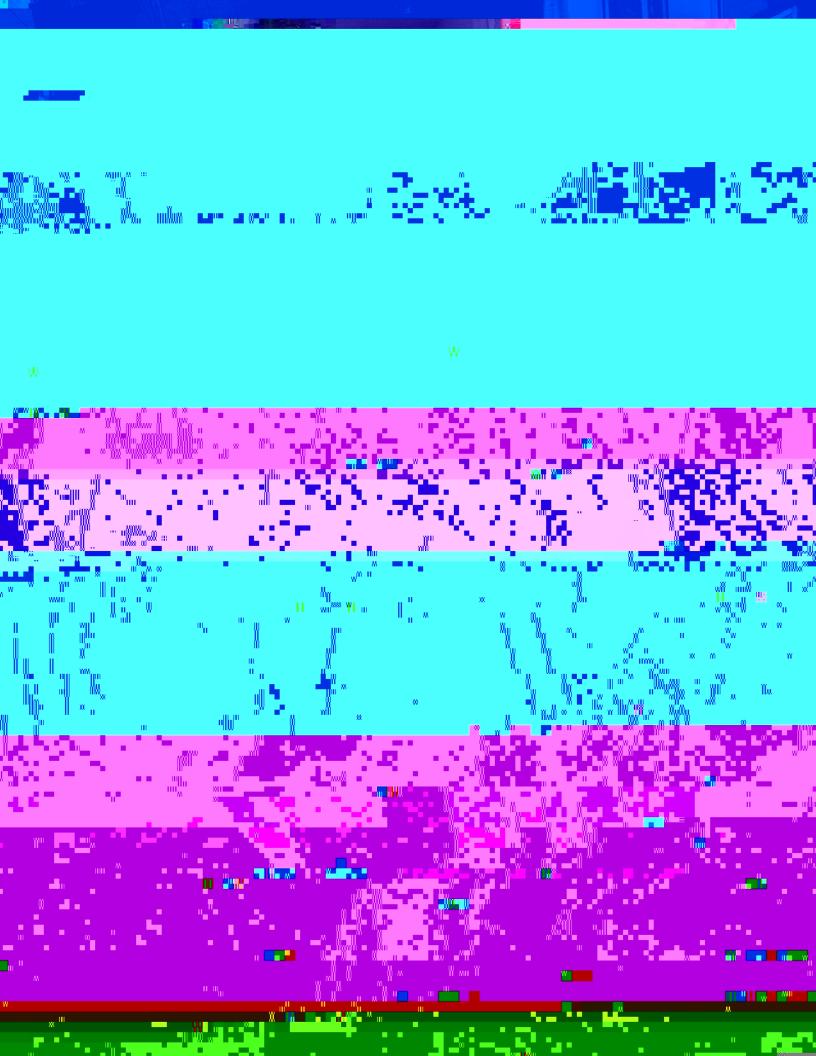
Music

Students in the Music Department have the option of performing in several choral organizations or three instrumental groups. Each performing group specializes in its own particular style, ranging from the "a cappello" singing of the vocal ensemble "Prima voce" to the classical sounds of the North Bay Philharmonic O rchestra. Instrumental groups include a chamber orchestra, a wind ensemble, and a jazz ensemble.

Napa Valley College musical and drama groups often perform throughout the valley, as well as in the college theatre. Napa Valley College Fine and Performing Arts Division produces more than 50 events each year for the community audience, providing outstanding cultural programs for students, local residents, and their families.

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ASB
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THE ASSOCIATE DEGREE

The Associate Degree is the educational goal of a broad range of students. For some, it means completion of formal education and entry into the workforce as trained professionals. For others, it is the first stage of an educational process which includes transfer to a four-year college. In either case, earning an associate degree lays the foundation for lifelong learning and personal growth.

The associate degree is commonly referred to as a two-year degree because a full-time student can earn the required sixty units in two years. Since many students study on a part-time basis, the time needed to complete the degree may be longer. Whether the journey starts with a single class or focused, full-time study, NVC faculty and staff are there to facilitate each student's progress towards his or her educational goal.

Napa Valley College awards two kinds of associate degrees. An Associate of Arts Degree is earned in general areas such as natural sciences, social sciences, or humanities, and it is often awarded to students who plan to transfer to a four-year institution. An Associate of Science Degree is earned in occupational areas such as health occupations, criminal justice training, and various technical fields; this degree prepares students to enter the workforce.

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The Associate Degree

The associate degree consists of two main elements: 1) general education, which gives students a broad base of knowledge and 2) a "major," where a student specializes in a particular field of study. Depending on the "major" selected, the student will be awarded an Associate of Arts (A.A.) or Associate of Science (A.S.) Degree.

At Napa Valley College, A.A. degrees are earned in general areas of study that provide students with a liberal arts foundation. The A.A. degree does not guarantee that students meet transfer admission requirements; however, by careful planning with a counselor, most students who wish to transfer can do so with an A.A. Degree.

At Napa Valley College, A.S. degrees are earned in occupational programs that provide students with skills and training for immediate entry into the workforce. These programs are not designed for students planning to transfer to a four-year institution, even though some courses in the A.S. degree programs may meet transfer requirements.

An associate degree documents students' educational achievements and provides them with a foundation for future learning. Since most jobs in the future will require some education beyond high school, the associate degree will make students more competitive in the job market.

Catalog Rights

Students have two options regarding the requirements for the associate degree (graduation requirements). They are eligible to graduate under the catalog in effect at the time they petition to graduate, whether or not they maintain continuous enrollment at the college.

Students who maintain continuous enrollment (by taking at least one course each academic year—fall or spring semester) may also elect to graduate under the catalog in effect during initial e(Students whlaa. degrees are) skstude are nosedegree documents sRightse

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Catalog Rights
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NVC General
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AA Degree

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8. General Education: Completion of 21 semester units; one course of at least three units in each area. A course cannot be used to satisfy more than one area (except in the case of Area Efor the A.S. Degree).

ioral Sciences.

American History and Institutions: (A.A. Degree only) Students must select one course from History 120, 121, 150 or 152 and one course from Political Science 120 or 121. The courses chosen to satisfy this requirement cannot be used to satisfy General Education Area (c): Social and Behav-

a) Natural Science: Examination of the physical universe, life forms, and natural phenomena. Choose three units:

ANTH 120; ASTR110, 111; BIOL103, 105, 110, 112, 117, 120, 150, 218; CHEM 110, 111, 120; EART 110; GEOG 110, 114; GEOL110, 112, 116*; PHYS105, 110, 120, 140.

b) Humanities: The study of cultural activities and artistic expressions. Choose three units:

ANTH 150; ART 110, 115, 116, 215; ASL 120, 121; CFS145; DRAM 110, 114, 115, 203, 220; ENGL121, 123, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 220, 221, 222, 223; FREN 120, 121; GERM 120, 121; HIST122, 123; HUMA 100, 101, 104, 125, 170, 174, 175, 176, 178*, 179, 180, 185, 186, 188, 190; ITAL 120, 121; LATI 120, 121; MUS 110, 112, 114; PHIL 120, 121, 125, 130; 133, 134; PHOT 120, 180; RUSS120; SPAN 111, 114, 116, 120, 121, 240, 241, 280, 281.

c) Social and Behavioral Sciences: The study of people as members of society. Choose three units:

ADMJ 121, 122, 125; ANTH 121, 130, 131, 150, 180; CFS120, 140, 180; ECON

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Catalog Rights
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e) Multicultural/Gender Studies: (A.S. Degree: course may double count for one other general education area, where that particular course appears). Courses that explore cross-cultural views, including male/female perspectives and contributions. Choose three units:

ANTH 121, 150, 180; CFS 140, 180; COUN 124; DRAM 115; ENGL217; HIST 145, 150, 152; HUMA 174, 186; PSYC 128, 186; SPEE 126.

- * Two-unit courses or variable unit courses
- + A.A. degree only. Courses chosen to satisfy the American History and Institutions requirement cannot be used to satisfy Category C.

9. Completing a major:

A.S. Degree - Refer to the chapter called Occupational Education starting on page 73 for courses required to complete the major. For each program, major and general education courses are outlined in a suggested sequence. Both counselors and program coordinators can advise students to ensure that all requirements for the A.S. Degree are being met.

A.A. Degree - Students may earn this type of degree in six areas: Humanities and Fine Arts, Natural Sciences and Mathematics, Social and Behavioral Sciences, General Studies, Transfer in a Specific Major, and General Education/Breadth Requirements. A minimum of 18 semester units is required for any one of these majors. Students are advised to consult a counselor to develop an Educational Plan for an A.A. Degree. The following section outlines courses that meet major requirements for the A.A. Degree.

Completing a Major for the A.A. Degree

To complete a major for an A.A. degree,

Catalog Rights
Degree
Requirements
NVC General
Education
Major for the
AA Degree

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- d) General Studies Major: This major is reserved for students completing apprenticeships or majors not offered at Napa Valley College. Consult a counselor.
- e) Transfer in a Specific Major: Completion of all lower division requirements for the major as designated by the college to which the student plans to transfer for a minimum of 18 semester units. Consult a counselor to determine eligibility.

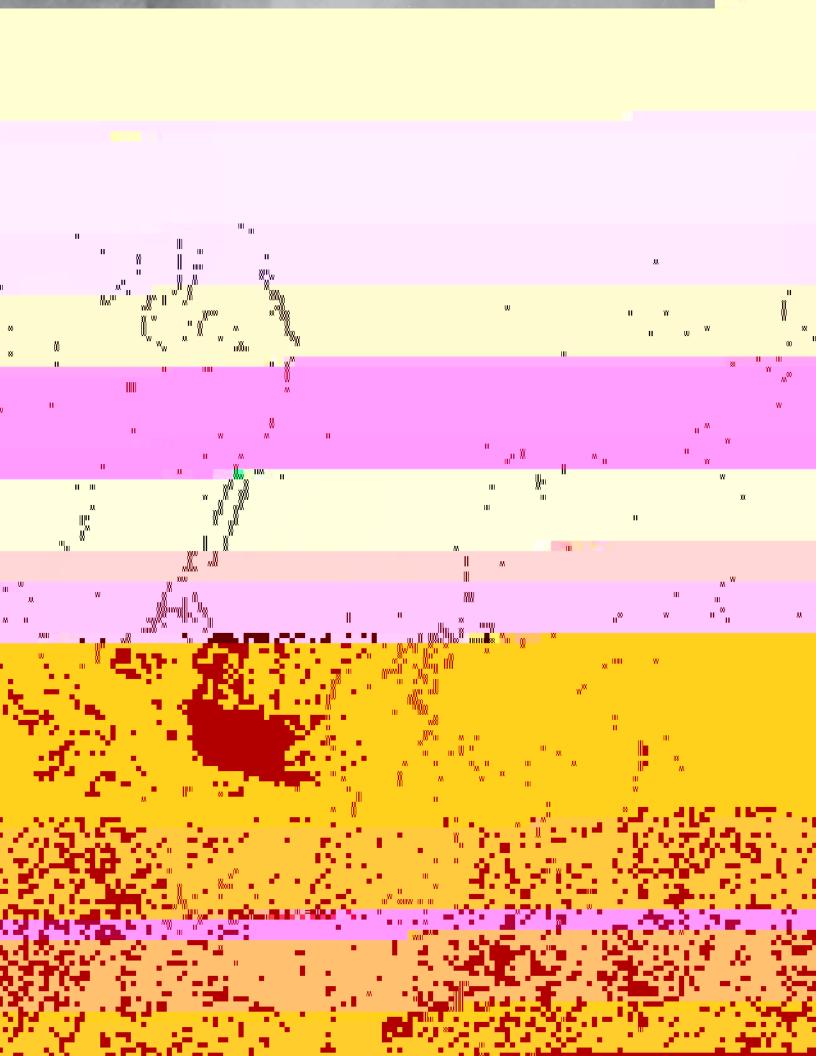
Note: Completion of this A.A. degree does not guarantee admission to the chosen four-year college or into the specific major at that college. Students must meet all admissions requirements for the transfer school. See chapter on Transfer Information.

- f) General Education/Breadth Requirements Major: completion of any **one** of the following options constitutes a major in general education:
 - i) California State University General Education requirements (see p. 97).
 - IGETC (Intersegmental General Education Transfer Curriculum) which meets general education requirements for both CSU and UC systems (see p. 101).
 - University of California Breadth Requirements for a specific college within one of the UC campuses (consult a counselor).

Note: Completion of general education/breadth requirements does not guarantee admission to the chosen four-year college. Students must meet entrance requirements for their transfer school. See pages 97-101 in the chapter on transfer and consult a counselor.

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Education
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AA Degree



While many courses of study at Napa Valley College prepare students for a career, the occupational education programs in this chapter prepare students for rewarding employment in as few as one or two years of full-time study. Students have the option of completing an entire program, for which they will earn an A.S. degree, or selected courses, for which they will be awarded a certificate of completion.

Napa Valley College's Occupational Education Programs keep pace with technological advances through diligent work by dedicated faculty and staff. Talented instructors regularly update their knowledge through formal and informal training. Grants help equip our technical laboratories and facilities to a state-of-the-art level. Graduates of our programs enter the job market with a marked competitive edge.

Napa Valley College provides expert career counseling and testing to measure interest and aptitudes for various degree and certificate programs. Individuals retraining for career changes and advancements will find some programs offered at night. Particular attention is given to ensure equal access into occupational programs for the handicapped, limited English-speaking, women, and new majority students.



Units

BIOL 218 Human Anatomy	5 5
First Semester NURS 141 Introduction to Nursing (12 weeks) NURS 142 Nursing in Health Alterations (6 weeks) PSYC 125 Human Development	4
Second Semester NURS 143 Nursing in Health Alterations II (9 weeks) NURS 144 Mental Health in the Conity (9 weeks)	Units 5.5
Third Semester NURS 246 Nursing in Health Alterations III (9 weeks) NURS 247 Maternal-Newborn Nursing (9 weeks) NURS 248 Nursing in Community-Based Settings (4 weeks) Social Science Elective (except PSYOF from approved A.S. Degree list SPEE 124 Career Communications.	4 eks) 1 2 125) 3
Fourth Semester NURS 249 Nursing in Health Alterations IV (12 weeks) . NURS 250 Nursing Preceptorship (6 weeks)	3
* ANTH 150, DRAM 115, ENGL217, 174 or HUMA 186 will double count ASDegree GE requirements for Humand Multicultural/Gender Studies.	68 HUMA t for the
Students transferring 4 unit, Anatomy 8 ology or Microbiology courses from oth leges may do so.	

Prerequisites

Criminal Convictions: The California Board of Registered Nursing (BRN) may deny licensure to any person who has been convicted of a crime. If you have had such a conviction you should review the California Nurse Practice Act-Section 480, available at www.rn.ca.gov.

In addition, students must demonstrate proficiency in Math either by test or successful completion of MATH 90 or MATH 94 or higher.

Students planning to transfer to a four-year college should consult the catalog of the college or university of your choice and a Napa Valley College counselor for specific require-

To remain in the nursing program, a student must maintain a "C" grade or above in all required arts and science courses and nursing theory courses with a satisfactory evaluation in all clinical experiences.

3. Provide proof of your **High School Graduation** or a **GED Certificate**; **CHSPE** passing score.

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A number of certificate programs are also available in the Business and Computer Studies Division. After completing a selected group of courses (ranging from 20 to 42 units), it is possible to earn a certificate. The certificates available are: Bookkeeping, Computer Studies (Microcomputer Applications Specialist or Computer Studies), Management Information Systems, Networking Technology and Office Assistant Studies. After verifying that the appropriate classes have been completed with a grade of "C" or better, the Program Coordinator will grant your certificate.

Concentration in Accounting

First Semester Units BUSI 90 Business Mathematics 3 BUSI 100 Intro. to Business 3 BUSI 176 Machine Calculations 2 CISA 170 Keyboarding 1 1 ECON 100 Economics 1 3 Physical Education 2	3
Second Semester Units ACCT 125 Financial Accounting	3
Third Semester Units ACCT 127 Computer Accounting	3
Fourth Semester Units BUSI 103 Legal Environ. of Business	3

Advisory Committee Program Requirements Programs Spreadshecom4**...i9 Tnia Ge1.09phy...9q.......89 TD0.0081 Tc0.1473 Tw(Phy50r)-8329PHILting**.te

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Advisory Committee Program *80*

Advisory Committee

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UNDER

Options

- Certificate Program: All Electronics courses listed plus ELEC 98*, 109*; DDGT 110; ENGL120; PHYS105; MACH 100. All courses must be completed with a grade of "C" or better.
- A.S. Degree: All courses as listed. Consultation with the Program Coordinator is required. All courses required to complete the major must be completed with a grade of C or better.
- Transfer to a four-year college: Consult the catalog of the college or university
 of your choice and a Napa Valley College
 counselor for specific requirements.
- * If needed, based on preparation.

Cosmetology

The Cosmetology program fulfills the minimum hours and operations set forth by the Department of Consumer Affairs. The program also prepares the student for State Licensing Examinations which must be taken in order to become a certified Cosmetologist in the State of California.

First Semester COSM 300 Beg. (Cosmetology	Units 16
		16
Second Semester COSM 301 Adv.	Cosmetology	Units <u>16</u> 16

Options

- 1. Cosmetology Certificate Program: Successful completion of COSM 300 and 301.
- 2. Manicurist License: Successful completion of COSM 310 (completion of COSM 310 is not required if COSM 300 and COSM 301 are successfully completed).

Digital Design Graphics Technology

This is a comprehensive four-semester program that enables a student to be employable as an entry level design drafter and three-dimensional (3D) artist with the versatility to work in a wide range of drafting and 3D graphic

fields. The Digital Design Graphics Technology program is also an Autodesk Premier Training Center (ATC) which ensures that students are always taught on the most current releases of the various Autodesk software programs used in their coursework.

No prerequisites are required, although students are advised to complete MACH 100, MATH 92, 107, PHYS 110, 111 in the first year of the program. ENGL 120 should be completed during the second year.

The courses required to complete the major are: DDGT120, 121, 230, 240, 241; ENGL 120; MACH100; MATH 92, 107; PHYS110, 111.

First Semester DDGT 120 Digital Design Graphics Technology 1	3 3
Second Semester DDGT 121 Digital Design Graphics Technology 2	3 1
Third Semester DDGT 230 Digital Architectural Drafting & Design DDGT 240 Digital Design Graphics Technology 3 ENGL 120 Reading and Composition	7
Fourth Semester DDGT 241 Digital Design Graphics Technology 4 Social Science**** Humanities*** Physical Education* Elective**	3 1 <u>3</u>
* Overlands recent as realists UFI 11400 and	15

* Students must complete HELH 106 or 3 units

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****ANTH 121, 180; CFS 140, 180; HIST 145, 150, 152; PSYC 128; will double count for the A.S. Degree requirements in Multicultural/Gender Studies and Social Science.

Options

- Certificate Program: Students will be awarded a certificate in Digital Design Graphics Technology upon satisfactory completion of DDGT 120, 121, 230, 240, 241; ENGL 120; MACH 100; MATH 92, 107; PHYS110, 111.
- A.S. Degree: All courses as listed. All courses required to complete the major must be completed with a grade of C or better. Consultation with the Program Coordinator is required.
- 3. Transfer to a four-year college: Consult the catalog of the college or university of your choice and a Napa Valley College counselor for specific requirements.
- 4. Advanced Study: DDGT 199

Electronics Technology

The Bectronics Technology Program is designed to provide the necessary background in electronic theory, mathematics, solid state circuits and devices to enable the graduate technician to function in a comfortable and professional manner upon entering an industrial atmosphere. Bectronic technical workers are employed by most industries performing electronic, nucleonic, and electric operations. Nearly all manufacturing and fabricating companies engaged in these and other activities that relate electronics to some mechanical function employ an increasingly large number of electronics technical workers. Research and development laboratories and government

Advisory Committee Program Requirements Programs

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The courses required to complete the Human Services Certificate are: COUN 120, 122, 124, 126; SPEE 124; WO EX190, 193 for a total of 18 units.

First Semester	Units
COUN 120 Introduction to Human	
Services	3
COUN 122 Helping Skills for Human	า
Services	
SPEE 124 Career Communications	
English Requirement	3
HELH 106 Personal and Community	
Health	3
	15
	11!4
	Units
COUN 124 Working with Diverse	
Populations*	
COUN 126 Case Management in H	
Services	
SOCI 122 Social Problems	
SPEE 126 Intercultural Communication	ons 3

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Third Semester	Units
MACH 210 Machine Technology 3.	7
DDGT 110 Technical Drawing Fund	la-
mentals	3
PHYS 110 Descriptive Physics	3
PHYS 111 Descriptive Physics Lab	1
Physical Education	
•	15
Fourth Semester	Units
MACH 211 Machine Technology 4.	7
PHOT 120 Intro. to Photography	
Bective*	
Physical Education	2
	15
* Flectives: 2-4 units of elective course w	nrk is

 Bectives: 2-4 units of elective course work is required to complete the degree program.

**ANTH 121, 180; CFS 140, 180; HIST 145, 150, 152; PSYC 128; will double count for the A.S. Degree requirements in Multicultural/Gender Studies and Social Science.

Options

- 1. Certificate Program: MACH 110, 111, 210, 211; MATH 92, 107; DDGT 110; WELD 100; PHYS110, 111.
- A.S. Degree: All courses as listed. All courses required to complete the major must be completed with a grade of "C" or better. Consultation with the Program Coordinator is required.
- 3. Transfer to a four-year college: Consult the catalog of the college or university of your choice and a Napa Valley College counselor for specific requirements.

Photography Technology

Prepares students for a vocation in photography or upgrades their existing knowledge and skills in camera and studio techniques as well as darkroom procedures. Upon completion, students will have skills in photography for employment in retail sales, technical laboratory work, professional assisting, portrait and com-

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in the Learning Skills & Testing Center for the PTEC Program. Call 253-3270 for an appointment. If you do not pass the test(s) the first time, you must make an appointment with Diagnostic Learning Services prior to taking the test(s) a second time. The tests can only be taken twice in a 2-year period. NO EXCEPTIONS.

3. Take the English and math placement exam

- 4. Official high school transcript or equivalent (GED, CHSPE, AA/AS degree or higher). If your transcript is foreign you must have it evaluated by an international evaluation service and provide an official copy of the evaluation at time of application.
- Once you have been accepted into the program, you must have the following: current healthcare provider or professional rescuer CPRONLY; immunization records to include (tetanus, MMR, hepatitis B, varicella and PPD); take part in a mandatory orientation meeting.
- All coursework must be completed within the last 5 years with a "C" or better as required by the BVNPT.

First Trimester PTEC 160 Nursing Science	Units 18
Second Trimester PTEC 161 Developmental Disal	Units oilities 15
Third Trimester PTEC 162 Mental Health	Units 17

Above courses complete PTEC Certification. For an Associate of Science Degree from Napa Valley College a fourth semester is taken.

Fourth Semester	Units
Natural Science	3
Humanities *(Choose from below) .	3
English Composition	3
Mathematics	3
Communication & Analytical Thinkin	ng 3
	15

Options

- Certificate Program : PTEC 160; 161 162. (Meets eligibility for State Board Examination)
- A.S. Degree: All courses listed above. All courses required to complete the major must be completed with a grade of C or better.

Transfer to a four-year college: Consult the catalog of the college or university
of your choice and a Napa Valley College
counselor for specific requirements.

*ANTH 151, DRAM 115, ENGL217, HUMA 174, 186 meets both the mulitcultural /gender studies requirement and the Humanities requirement.)

Respiratory Care

The Respiratory Care Program is four-semesters and one six week summer session for the full-time track or six-semester and two six-week summer sessions for the part-time track program designed to prepare qualified men and women to practice as respiratory care practitioners (RCP). Upon completion of the program the student will be eligible to take the state licensing exam and the national registry examination. The program is accredited by the American Medical Association. Respiratory care is a healthcare specialty which deals with care and treatment of patients with respiratory cardiac disorders. RCPs usually work in both acute and subacute hospitals, clinics, and home care.

Prerequisites for Admission:

- High School graduation or equivalent (CHSPE or GED).
- 2. BIO L 218, CHEM 110 and MATH 90 (or the equivalent) with minimum grades of "C."
- 3. Submission of application to the program (applications are accepted all year long). The courses required to complete the major are: BIOL 218, 219, 220; RESP 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 211, 220, 221, 230, 250, 260, 270, 280, 290, 292.

NOTE To remain in the program, student must maintain a "C" grade or above in Respiratory Care and a satisfactory grade in clinical. It is highly recommended that BIO L219 and 220 be taken prior to admission.

Full-time Track Option

First Semester Units
RESP 120 Respiratory Care Theory I 6
RESP 130 Respiratory Care Laboratory 1.5
RESP 140 Preparation for Clinical 1.5
BIOL 219 Human Physiology*5
ENGL 120 Reading and Comp. 1** 3
17

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Second Semester Units RESP 150 Respiratory Care Theory II 3 RESP 160 Respiratory Care	Second Semester Units RESP 150 Respiratory Care Theory II 3 RESP 160 Respiratory Care
Pharmacology	Pharmacology
Summer (6-weeks) Units RESP 180 Respiratory Care Lab II1.5 RESP 190 Respiratory Care Clinical2 3.5	Summer Session I (6-weeks) Units RESP 180 Respiratory Care Lab II 1.5 RESP 190 Respiratory Care Clinical II 1 2.5
Third Semester Units RESP 200 Respiratory Care Theory III 2 RESP 210 Principles and Applications of Mechanical Ventilation	Third Semester Units RESP 200 Respiratory Care Theory III 2 RESP 210 Principles and Applications of Mechanical Ventilation
Fourth Semester Units RESP 260 Respiratory Care Theory IV 1 RESP 270 Advanced Respiratory Care Lab	RESP 270 Advanced Respiratory Care Lab
* BIOL219 and 220 must be completed prior to RESP180. ** ENGL120, PSYC 124 and Humanities/	RESP 220 Neonatal Pediatric Respiratory Care
Multicultural/Gender Studies may be completed anytime prior to graduation.	RESP 251 Respiratory Care Clinical V . 2.5 6
** ANTH 150, DRAM 115, ENGL217, HUMA 174 or HUMA 186 will double count for the ASDegree GE requirements for Humanities and Multicultural/Gender Studies.	Sixth Semester Units RESP 280 Respiratory Care Topics II 2 RESP 291 Respiratory Care Clinical VIII 3 RESP 292 Respiratory Care Preceptorship
Part-time Track Option	7.5 *BIOL 219 and 220 must be completed prior to
First Semester Units RESP 120 Respiratory Care Theory I 6 RESP 130 Respiratory Care Laboratory 1.5 RESP 140 Preparation for Clinical 1.5	**ENGL 120, PSYC 124 and Humanities/ Multicultural/Gender Studies may be completed anytime prior to graduation.
BIOL 219 Human Physiology*	Opons1.(6)TfTT61Tf012016TD-0.000

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Program Requirements **Programs**

2. Transfer to a four-year college: Consult the catalog of the college or university of your choice and a Napa Valley College counselor for specific requirements.

Telecommunications

This program trains students for well paid, technically diverse positions in the manufacture, operation, production, design and maintenance of professional television production systems. This program is certified by the Society of Broadcast Engineers, Inc. Students can join the student chapter of the Society of Motion Picture and Television Engineers.

The courses required to complete the major are: BUS 111; PHYS105; BLEC 98, 109, 120, 121, 220, 224, 243; TBLE 120, 121, 240, 241, 260, 261. Desirable Electives: Welding, Machine Shop, Digital Design Graphics Technology (CAD/CAM), Computer Information Systems - Networks (CISN), Computer Studies, Photography, and other electronics courses.

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First Semester

Advisory Committee Program Requirements Programs

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Viticulture Option

First Semester	Units
WVT 130 General Viticulture	4
WVT 134 Vineyard Pruning	1
CHEM 110 Intro. to Chemistry*	
or EART 110 Earth Science	4
English Composition*	3
Mathematics*	

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- Satisfies General Education requirement
- ** Program electives may be selected from the following: WWT 132, 134, 135, 136, 137, 138, 139, 170, 171, 172, 173, 199, 200, 201, 202, 203, 205, 206, 229, 230, 231, 232, 233, 234, 241, 245, 270, 271, 272, 290, 291, 298; any BUSI, FREN, SPAN or natural science course; WELD 100, 101.
- ***Students must complete a minimum of 5 units in WWT 199, 290, 291.

****ANTH 121, 180; CFS 140, 180; HIST 145, 150, 152; PSYC 128; will double count for the A.S. Degree requirements in Multicultural/Gender Studies and Social Science.

*****ANTH 150; DRAM 115; ENGL217; HUMA 174, 186 will double count for the A.S. Degree requirements in Multicultural/Gender Studies and Humanities.

Options

- 1. Certificate Program in Viticulture and Winery Technology: WVT130, 135, 170, 171, 172, 230, 231, 234, 270, 271.
- 2. Certificate Program in Wine Marketing and Sales: The courses required for the Wine Marketing and Sales Certificate are as follows: WVT 130, 136, 137, 170, 241; BUSI 100, 150, 251.
- 3. A.S. Degree: All courses listed. All courses required to complete the major must be completed with a grade of C or better. Consultation with Program Coordinator is required.
- 4. Transfer to a four-year college: Students are encouraged to coordinate their courses with those required by the four-year institution of choice, and to closely consult with a Napa Valley College counselor and the Program Coordinator.

Vocational Nursing

This is a three-semester program designed to prepare qualified men and women to practice vocational nursing. The program at Napa Walley College is a patient-centered 1.092 S[.05ompletapaall.0008 T6 1 h a

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Counseling for Transfer Students

Counselors are available to assist students in planning their transfer programs. Since transfer requirements change frequently, students should see a counselor at least once per semester to be sure they are enrolled in appropriate classes each term.

Counselors are located in four locations across campus: Counseling Center, Administration/200 Building; Career Center, Administration/Room 205; Transfer Center, Library/300 Building; and EO PS/Financial Aid Office, Room 102 (EO PS/Financial Aid counselors work specifically with students eligible for these programs.).

Counselors provide students with information for admission and graduation from many colleges and universities. They use the following tools to help students with transfer planning.

- College Catalogs catalogs are available for review by students in the Transfer Center, the Counseling Office, the college library, the Career Center and online.
- Articulation Agreements written agreements with colleges and universi-

Counseling
Transfer
CSU System
UC System
Independent
Colleges

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Transfer Options

Napa Valley College students may transfer to any of the following colleges/ systems:

- California State University System (23 campuses)
- University of California System (10 campuses)
- Independent (in-state or out-of-state) colleges and universities.

The California State University System (CSU)

The California State University system is the largest system of senior higher education in the nation. Its 23 campuses located throughout California offer over 1,500 bachelor's and master's degree programs in more than 200 subject areas. The CSU system provides undergraduate instruction in liberal arts and sciences, and it prepares students in applied fields and professions, such as nursing, computer science, engineering, and business.

The system works closely with the California Community Colleges to develop articulation for lower division courses. First priority for admission to a CSU campus at the upper division level is given to transfer students from the California Community College System.

The following sections explain admission, s majoregenerabed pications, and other requiren ments for transfer to the CSU system. Students should plan carefully so that they meet all transfer requirements. A maximum of 70 transferable units are acceptable from California Community Colleges.

Minimum Admission Requirements

To transfer in junior standing, a student must complete at least:

- 60 transferable semester units with a minimum GPA of 2.0 (All NVC courses numbered between 100 and 299 are transferable to the CSU system), and
- complete at least 30 semester units of general education with grades of "C" or better, including areas A-1, A-2, A-3, and B-4 of the general education pattern on page 98.

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Special Notes:

- Students are advised to complete the lower division preparation for the major prior to transfer. High demand majors may require lower division preparation completion as a program entrance criteria.
- Students are encouraged to complete the entire general education pattern prior to transfer. Students who complete the CSU General Education pattern on page 98 or the IGETC pattern on page 101 will hahHf -the general education

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Contact the Transfer Center or the Counseling Office to obtain applications and information on application workshops.

Major Requirements

Students are advised to complete all of the lower division requirements for their major while attending Napa Valley College. By doing so, students are prepared to enter into upper division courses in the major upon entrance into the four-year college. Students should meet with a counselor to determine course equivalencies for their major and to develop an educational plan so they can ensure a smooth transition to the four-year institution.

High demand or impacted majors, such as architecture, nursing, business administration, engineering, and certain health and biological sciences, may require that all lower division major requirements be completed as part of the admission criteria. This is referred to as "supplemental admission criteria." Such high demand majors may also require a GPA well above a 2.0, as well as supplemental applications or test scores. Students should review the catalog of their chosen school and consult a counselor to determine what, if any, supplemental admission criteria are required for their major.

General Education Requirements: California State University

This pattern of General Education courses, totaling 39 semester units, will satisfy the lower division general education requirements for all CSJ campuses. At least 30 of these 39 units, including areas A-1, A-2, A-3, and B-4 must be completed with a grade of "C" or better (not "C-").

Courses transferred to NVC from other colleges may be included on this pattern if they are equivalent to NVC courses listed, or if they are on the general education pattern from the host college.

A new general education list is published each academic year since courses may be added

or deleted. Catalog rights do not apply to general education certification, so students must consult the new list each year. If a course is taken when it fulfills a general education requirement, it continues to fulfill the requirement, even though it is removed from the general education pattern in a subsequent year. A course may be used to satisfy only one General Education area.

The list of courses approved for each of the following areas and sub-areas of the CSU General Education pattern is published each term in the schedule of classes. In addition, students may obtain a copy of CSU General Education pattern sheet from the Counseling Office, Transfer Center or Career Center.

- A. Communication in the English Language and Critical Thinking (A minimum of 9 units is required): One course must be taken from A-1, one from A-2, and one from A-3.
 - A-1. Oral Communication
 - A-2. Written Communications
 - A-3. Critical Thinking
- **B.** Physical Universe and its Life Forms (A minimum of 9 units is required): One course must come from B-1, one from B-2, and one from B-4. At least one course from B-1 or B-2 must include a laboratory associated with a lecture.
 - B-1. Physical Science
 - B-2. Life Science
 - B-3. Laboratory Activity
 - B-4. Mathematics/Quantitative Reasoning
- C. Arts, Literature, Philosophy, and Foreign Language (A minimum of 9 units is required): At least 3 units must be taken from Area C-1 and at least 3 units must be taken from Area C-2. The remaining units may be selected from either Area C-1 or Area C-2.
 - C-1. Arts (art, dance, drama, music)

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- C-2. Humanities (literature, philosophy, foreign languages)
- **D.** Social, Political, and Economic Institutions and Behavior; Historical Background (A minimum of 9 units is required): A maximum of two (2) courses may be selected from one of the following categories:
 - D-1. Anthropology and Archaeology
 - D-2. Economics
 - D-3. Ethnic Studies
 - D-4. Gender Studies
 - D-5. Geography
 - D-6. History
 - D-7. Interdisciplinary Social or Be-

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completing their major classes and should consult with a counselor to determine general education/ breadth requirements for their chosen major, college, and campus.

The Intersegmental General Education Transfer Curriculum (IGETC) will meet lower division general education/breadth for all UC campuses and colleges with the exception of UC, Berkeley's School of Business Administration, and UC, San Diego's Eleanor Roosevelt and Revelle Colleges. Although IGETC is not an entrance requirement, students are advised to complete this pattern prior to transfer if they are not enrolled in high-unit majors. Students who complete the IGETC pattern will not be held to any other lower division general education courses at the UC campus as long as they request official certification from Napa Valley Community College upon transfer to the UC campus. Students will be held to all other graduation requirements of the campus in question.

Note: IGETC may be completed in lieu of the California State University General Education pattern for students transferring to the CSU system. Courses used to fulfill CSU graduation requirements in American History and Institutions may not be used in IGETC area 4.

Intersegmental General Education Transfer Curriculum

A new IGETC list is published each academic year since courses may be added or deleted. Catalog rights do not apply to IGETC certification, so students must consult the new list each year. If a course is taken when it fulfills an IGETC requirement, it continues to fulfill the requirement, even though it is subsequently removed from the pattern.

A course may be used to satisfy only one IGETC area. Each course must be completed with a

A course may be uonsultwhen it fulfillpectthis pattern prationft, even though isit a Tc-0.0725 Tw(consult with aa Vocatinft39-Cusughst, iTJTs

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Counseling Transfer CSU System

TRANSFER INFORMATION

CAN AJ2	ADMJ 120, Introduction to the Criminal Justice System
CAN AJ4	ADMJ121, Introduction to Criminal Law
CAN ANTH 2	ANTH 120, Introduction to Physical Anthropology
CAN ANTH 4	ANTH 121, Introduction to Cultural Anthropology
CAN ANTH 6	ANTH 130, Introduction to Archaeology
CAN ART2	ART 115, Survey of Art History 1
CAN ART 4	ART 116, Survey of Art History 2
CAN ART 6	ART 155, Beginning Ceramics
CAN ART 8	ART 137, Drawing 1
CAN ART 10	ART 127, Painting 1
CAN ART 12	ART 145, Sculpture
CAN ART 14	ART 120, Two Dimensional Design
CAN ART 20	ART 180, Printmaking 1
CAN ART 24	ART 237, Life Drawing
CAN ART SEQ	A ART 115 & 116, Survey of Art History 1& 2
CAN BIOL2	BIOL 120, General Biology
CAN BIOL4	BIOL 240, General Zoology
CAN BIOL 6	BIOL241, General Botany
CAN BIOL 10	BIO L218, Human Anatomy
CAN BIOL 12	BIOL219, Human Physiology
CAN BIOL 14	BIOL220, General Microbiology
CAN BIOLSEC	A BIOL 120, 240 & 241, eneral Biology, Zoology, & Botany
CAN BIOLSEC Hum	B BIOL 218 & 219, nan Anatomy & Human Physiology
CAN BUS 2	ACCT125, Financial Accounting
CAN BUS 4	ACCT 126,
	Managerial Accounting

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There may be both deletions from and additions to this list.			
Cou	ırse	Title Semester Un	its
Acc	our	nting	
	125	Financial Accounting	5
•	126	Managerial Accounting	5
Adr	nini	istration of Justice	
	120	Introduction to Criminal Justice System	3
	121	Introduction to Criminal Law	3
	123	Justice Communications	3
Am	eric	an Sign Language	
	120	Elementary American Sign Language	5
	121	Second Semester American Sign Language	5
Ant	hro	pology	
	120	Introduction to Physical Anthropology	3
•	121	Introduction to Cultural Anthropology	3
	130	Introduction to Archaeology	3
	131	Archaeology of Ancient Mexico	3
	150	Gender: A Cross-Cultural Perspetive	ec- 3
* .	180	Childhood: A Cross-Cultural Perspective (Same as CFS 180)	3
	199	,	1-3
2	298	Selected Topics in Anthropology (See INDP Study)	1-3

This is based on the 2003-2004 Napa Valley

College UC Transfer Agreement. Students are strongly advised to check with a Napa Valley

College counselor before planning a program.

*ANTH 180, CFS 120, 180 and PSYC 185 combined: maximum credit, one course

Art

110 Art Appreciation	3
115 Survey of Art History 1	3
116 Survey of Art History 2	3
120 Two Dimensional Design	3
121 Three Dimensional Design	3
127 Painting 1	3 ea

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NVC CATALOG 2004 · 2006

As	tronomy	
	110 Descriptive Astronomy	3
	111 Practical Astronomy	3
Bio	ology	
*	103 Nutrition Today	3
*#	105 Human Biology: Nutrition, Health & Disease	4
**	110 Survey of Biology (w/lab)	4
	112 Introduction to Environmental Studies	3
	117 Wildlife Biology	3

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TRANSFER INFORMATION

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Ge	eography	/		123	World Civilization 2	3
	101 Wo	rld Regional Geography	3	135	Modern Asia History	3
	102 Hur	man Geography	3	140	Modern Latin American Histor	у 3
	110 Phy	sical Geography	3	142	History of Mexico	3
	114 Cal	ifornia Geography	3	145	California History	3
		ected Topics in Geography e INDP Study)	1-3	150	History of American Women 1600-1900	3
				152	Women in Twentieth Century	2
Ge	eology			100	America	3 1-3
	110 Phy	sical Geology	3	199	Independent Study in History (See INDP Study)	1-3
	111 Phy	rsical Geology Laboratory (la	ab) 1	298	Selected Topics in History	1-3
	112 Fos	sils, Time & Earth History	3		(See INDP Study)	
	116 Ge	ologic Hazards and Humani	ity 2			
*		ecial Field Trips in Geology	•	Human	ities	
		,	3 ea	100	The American Mind 1	3
		ependent Studies in Geology e INDP Study)	/1-3	101	The American Mind 2	3
	`	ected Topics in Geology	1-3	104	Comparative Religions	3
		e INDP Study)	. 0	125	Hispanic Civilizations	3
		only if student has completed GEOL 110 or 112 or GEOG		170	Survey and Appreciation of Theatre (same as DRAM 110)	3
Ge	erman		_	174	Diversity in American Drama (same as DRAM 115)	3
		t Semester German	5	175	Survey and Appreciation	
		cond Semester German	5		of Music	3
		ependent Study in German e INDP Study)	1-3	180	(same as MUSI 112) Survey and History of Jazz	3
	240 Thir	rd Semester German	5		(same as MUSI 114)	
		urth Semester German ected Topics in German	5 1-3	185	Survey and Appreciation of Film	3
		e INDP Study)		400	(same as DRAM 203)	
На	ealth				Exploring Culture and Gender in Films	3
		mmunity First Aid and		188	Mass Communication in American Culture	3
		sonal Safety	3	189	Film Genres	3 ea
	106 Pers	sonal and Community Healt	h 3		Independent Study in	0 00
*		ort Nutrition and Weight nagement	3		Humanities (See INDP Study)	1-3
		BIOL 103, and BIOL 105 comb ximum credit of one course	oined	298	Selected Topics in Humanities (See INDP Study)	1-3
Hi	story			*188 and one co	d JOUR 120 combined: maximum purse	credit,
	•	ted States History 1	3			
	121 Uni	ted States History 2	3	Italian		
		rld Civilization 1	3	120	First Semester Italian	5
				121	Second Semester Italian	5

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Counseling Transfer CSU System UC System

Independent Colleges

TRANSFER INFORMATION

199 Independent Study in Italian (See INDP Study)
240 Third Semester Italian 5
298 Selected Topics in Italian (See INDP Study)

Independent Study

Credit for Independent Study, Special

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Counseling
Transfer
CSU System
UC System
Independent
Colleges

	258	Instruments for Majors	1 ea	** 29
	298	Selected Topics in Music	1-3	*454
		(See INDP Study)		*Any o crea
Ph	iloso	nhv		+ Any crea
		Introduction to Philosophy 1	3	**De _l
		Introduction to Philosphy 2	3	арр
		Introduction to Ethics	3	Phys
	126	Contemporary American Ethics		+ 1
		Introduction to Logic	3	1
	133	World Philosophy	3	* 12
	134	Philosophy of Religion	3	* 12
	199	Independent Study in		* 14
		Philosophy (See INDP Study)	1-3	
	298	Selected Topics in Philosophy (See INDP Study)	1-3	19
		(000 11 12 1 01 11 2)		* 24
Ph	otog	raphy		* 2
		Introduction to Photography	3	* 24
	121	Basic Laboratory Photography	3	29
	180	History of Photography	3	
				+No *120,
Ph	ysica	al Education		ma
*	100	thru 133 Activities 1-1	.5 ea	dup
	134	thru 140 Dance	1 ea	Polit
	142	Dance Composition	2 ea	1:
*	145	thru 160 Activities 1-1	.5 ea	
	171	Care and Prevention of Athletic Injuries	3	1:
+	172	Modern Sports Officiating/Men	2	1:
+	173	Modern Sports Officiating/Women	1-2	
*	176	Team Sports	1 ea	
*	178	Pre-Season Conditioning	2 ea	
**	199	Independent Study in Physical Education (See INDP Study)	1-3	
	204	American Red Cross Lifeguard Training	3	
	205	Water Safety Instructor	3	
*			-2 ea	
	271	Sports Medicine Practicum	2 ea	

272 Sports Medicine Training Lab

98 Selected Topics in Physical Education (See INDP Study) 1-3

or all of these courses combined: maximum

y or all of these courses combined: maximum dit, 8 units

pending upon course content, apply propriate limitation

sics

+	110	Descriptive Physics	3
	111	Descriptive Physics Laboratory (lab)	1
*	120	General Physics 1 (w/lab)	4
*	121	General Physics 2 (w/lab)	4
*	140	Physics for Scientists and Engineers 1 (w/lab)	4
	199	Independent Study in Physics (See INDP Study)	1-3
*	240	Physics for Scientists and Engineers 2 (w/lab)	4
*	241	Physics for Scientists and Engineers 3 (w/lab)	4
	298	Selected Topics in Physics (See INDP Study)	1-3

credit for 110 if taken after 120 or 140 ,121 or PHYS 140, 240, 241 combined: ximum credit, one series. Deduct credit for plicate topics.

tical Science

120	Introduction to the Principles of American Government 1	3
121	Introduction to the Principles of American Government 2	3

25 Introduction to Modern37.2g.001.-71Sports M.7

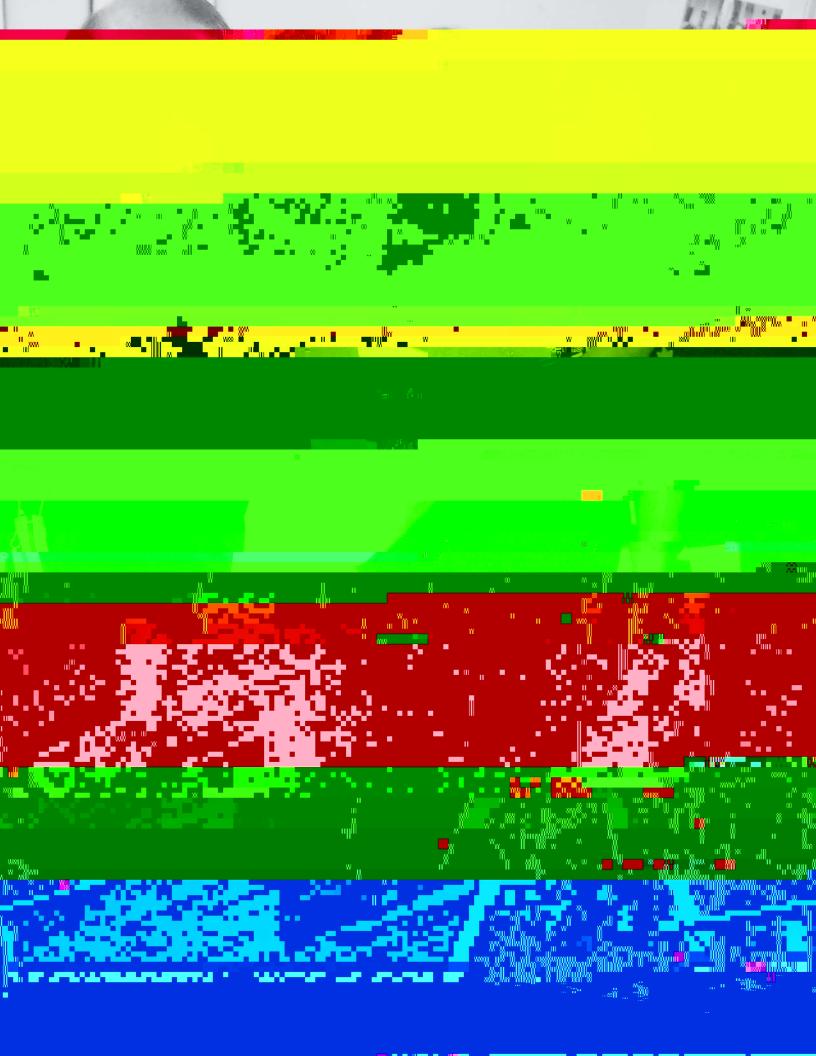
Counseling Transfer CSU System **UC System** Independent **Colleges**

TRANSFER INFORMATION

	125	Human Development	3		116	Second Semester Spanish (Part B)	3
	126	Abnormal Psychology	3		120	First Semester Spanish	5
	128	Cross-Cultural Psychology	3			•	
	135	Introduction to Human Sexuality (same as SOCI 135)	3			Second Semester Spanish Independent Study in Spanish	5 1-3
*	185	Introduction to Child Growth an Development	d 3	*	240	(See INDP Study) Third Semester Spanish	5
		(same as CFS 120)		+	241	Fourth Semester Spanish	5
	186	The Child, Family and Community	3	*		Spanish for Native Speakers 1 Spanish for Native Speakers 2	3
	190	(same as CFS 140) Special Projects (See INDP Study)	1-3	+		Selected Topics in Spanish (See INDP Study)	1-3
	400	`		*2	10 000	•	unito
	199	Independent Study in Psychology (See INDP Study)	1-3	+2		d 280 combined: maximum credit, 5 nd 281 combined: maximum cred 	
	298	•	1-3	(redit;	nd 111, must take both to receive trai maximum credit for both courses	
		S 120 combined with CFS 180/Al maximum credit, one course	VTH	1	14 and credit;	er units d 116, must take both to receive trai maximum credit for both courses er units	
_							
Ru	ıssiar	l					
Ru		I First Semester Russian	5	Sp	eech		
Ru			5	Sp		Public Speaking	3
	120	First Semester Russian	5	Sp	122		3
	120	First Semester Russian	5	Sp	122 126	Public Speaking Intercultural Communications Critical Thinking:	_
	120 ciol o 120	First Semester Russian		Sp	122 126	Public Speaking Intercultural Communications Critical Thinking: Argumentation and Decision	3
	120 ciolo 120 122	First Semester Russian gy Introduction to Sociology Social Problems Social Psychology	3	Sp	122126128199	Public Speaking Intercultural Communications Critical Thinking: Argumentation and Decision Making Independent Study in Speech	_
	120 ciolo 120 122 123	First Semester Russian gy Introduction to Sociology Social Problems	3 3 3	Sp	122126128199	Public Speaking Intercultural Communications Critical Thinking: Argumentation and Decision Making	3
	120 ciolo 120 122 123	gy Introduction to Sociology Social Problems Social Psychology (same as PSYC 123) Introduction to Human Sexuality	3 3 3	Sp	122126128199	Public Speaking Intercultural Communications Critical Thinking: Argumentation and Decision Making Independent Study in Speech Selected Topics in Speech	3 1-3
	120 ciolo 120 122 123 135	Pagy Introduction to Sociology Social Problems Social Psychology (same as PSYC 123) Introduction to Human Sexuality (same as PSYC 135) Independent Study in Sociology (See INDP Study)	3 3 3	Sp	122126128199	Public Speaking Intercultural Communications Critical Thinking: Argumentation and Decision Making Independent Study in Speech Selected Topics in Speech	3 1-3
	120 ciolo 120 122 123 135	Pagy Introduction to Sociology Social Problems Social Psychology (same as PSYC 123) Introduction to Human Sexuality (same as PSYC 135) Independent Study in Sociology (See INDP Study)	3 3 3 3	Spp	122126128199	Public Speaking Intercultural Communications Critical Thinking: Argumentation and Decision Making Independent Study in Speech Selected Topics in Speech	3 1-3
So	120 ciolo 120 122 123 135	Pagy Introduction to Sociology Social Problems Social Psychology (same as PSYC 123) Introduction to Human Sexuality (same as PSYC 135) Independent Study in Sociology (See INDP Study) Selected Topics in Sociology (See INDP Study)	3 3 3 3	Spp	122126128199	Public Speaking Intercultural Communications Critical Thinking: Argumentation and Decision Making Independent Study in Speech Selected Topics in Speech	3 1-3
So	120 ciolo 120 122 123 135 199 298	Pagy Introduction to Sociology Social Problems Social Psychology (same as PSYC 123) Introduction to Human Sexuality (same as PSYC 135) Independent Study in Sociology (See INDP Study) Selected Topics in Sociology (See INDP Study)	3 3 3 3	Spp	122126128199	Public Speaking Intercultural Communications Critical Thinking: Argumentation and Decision Making Independent Study in Speech Selected Topics in Speech	3 1-3
So	120 ciolo 120 122 123 135 199 298	Introduction to Sociology Social Problems Social Psychology (same as PSYC 123) Introduction to Human Sexuality (same as PSYC 135) Independent Study in Sociology (See INDP Study) Selected Topics in Sociology (See INDP Study)	3 3 3 1-3	Spp	122126128199	Public Speaking Intercultural Communications Critical Thinking: Argumentation and Decision Making Independent Study in Speech Selected Topics in Speech	3 1-3

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> Counseling Transfer CSU System UC System Independent Colleges



The courses listed in this chapter constitute the curriculum offerings at Napa Valley College. Not all courses are offered every semester. Check the class schedule for the current semester's offerings. Information for each course includes:

- Course Number: degree applicability and transferability.
- 01-49:Non-transferable; not A.A./A.S. degree applicable; serves special populations.
- 50-89:Non-transferable; not A.A./A.S. degree applicable, developmental, remedial, or basic skills.
- 90-99:Non-transferable; A.A./A.S. degree applicable.
- 100-199: Transferable to CSU; first year course.
- 200-299:Transferable to CSU; second year course.
- 300-399:Non-transferable skill credit courses; A.A./A.S. degree applicable

Accounting

ACCT 120

Introduction to Accounting

3 units; 3 hours lecture

An introduction to the field of accounting and the role accounting plays in local, national and transnational businesses. This course will focus on the manual preparation of financial statements, specifically, the bookeeping rules. This discussion includes the use of journals, ledgers, posting and the closing of the financial records ending with a discussion of the possible uses and analysis of financial statements.

CSU

ACCT 121

Payroll Accounting

2 units; 2 hours lecture

An introduction to payroll accounting procedures. Topics include federal and state tax calculations, tax filing and forms required of the employer and employee.

CSU

ACCT 122

ADMJ 121

Introduction to Criminal Law

3 units; 3 hours lecture

CAN AJ 4

Historical development of law; the philosophical justifications for legal systems and punishments. The student will study the definitions, classifications, and corpus delicti of the major property crimes and crimes against persons. We will also examine the relationships between the law and the criminal justice system, and the consideration of law as a social force. CSU, UC

ADMJ 122

Introduction to Criminal Procedures 3 units: 3 hours lecture

Study of the roles and responsibilities of each component of the criminal justice system when interacting with violators of the law. Students will become familiar with the procedural rights of an accused from the time of an accusation until the completion of the sentence. **CSU**

ADMJ 123

Introduction to Community Policing 3 units; 3 hours lecture

An in-depth study of the relationship between the practitioners in the criminal justice system and the community they serve. The student will analyze the casual aspects of community misunderstanding, lack of cooperation, and mistrust. Historical and modern models will be examined, with particular emphasis placed upon community problem-solving and community policing. The importance of language, communication skills, and the understanding of prejudice will be stressed. CSU, UC

ADMJ 124

Introduction to Investigation

3 units: 3 hours lecture

Course covers the fundamental issues of criminal investigations, including interviewing techniques, management of evidence collection, technical resources, case preparation, and public and media relations. CSU

ADMJ 125

Introduction to Evidence

3 units; 3 hours lecture

The origin, development, philosophy and constitutional basis of evidence; constitutional and procedural considerations affecting arrest and search and seizure; kinds and degrees of evidence, rules, and case studies.

ADMJ 127

Crime and the Media (cross-listed as SOCI 129)

3 units: 3 hours lecture

This class will examine how the public's preception of crime and criminals is influenced by the mass media. The student will learn to critically analyze many popular notions of crime, criminals and the criminal justice system by looking for stereotyping, overgeneralizations and bias. The class will review newspaper and magazine articles, television news, television dramas, popular films and articles on the Internet. **CSU**

ADMJ 143

Crime Scene Investigations

3 units; 2 hours lecture, 2 hours lab

Introduction to the study and application of criminalistics. The focus is on the crime scene. Students will apply learned skills and techniques in a lab environment. **CSU**

ADMJ 154

Criminology

(cross-listed as SOCI 154)

3 units; 3 hours lecture

Introduction to the theories of crime causation and the relationships between these theories and the practices of correctional, judicial, and law enforcement components of the criminal justice system. CSU

ADMJ 190

Administration of Justice Community Service Internship 1

3 units; 1 hour lecture, 8 hours lab

A program designed to permit Administration of Justice students to work as interns inside various agencies associated with law, law enforcement, courts, corrections, probation, Fish and Game, private security, and any agency or entity that provides an opportunity for the student to work with the public. Students are evaluated by the agency and college staff. Internships frequently lead to employment in the agencies where assignments are made and provide the students life experience opportunities which may benefit them as public service employees in the future. **CSU**

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Accounting

Administration of Justice

CSU

116

ADMJ 191

Administration of Justice Community Service Internship 2

3 units; 1 hour lecture, 8 hours lab

A program designed to permit Administration of Justice students to work as interns inside various agencies associated with law, law enforcement, courts, corrections, probation, Fish and Game, private security, and any agency or entity that provides an opportunity for the student to work with the public. Students are evaluated by the agency and college staff. Internships frequently lead to employment in the agencies where assignments are made and provide students life experience opportunities which may benefit tem as public employees in the future.

CSU

ADMJ 199

Independent Study in Administration of Justice

1 - 3 units; 9 hours lab

An independent study course for students with an interest in projects outside the regular curriculum.

CSU

ADMJ 260

Wildlife Law Enforcement 1

6 units; 5 hours lecture, 3 hours lab

The first of a two-course sequence leading to a Certificate of Vocational Competency in Wildlife Law Enforcement. Law and jurisdiction, conservation, agencies, federal law, and California fish and wildlife species, patrol officer survival and commercial enforcement. **CSU**

ADMJ 261

Wildlife Law Enforcement 2

6 units; 5 hours lecture, 3 hours lab

The second of a two-course sequence leading to a Certificate of Vocational Competency in Wildlife Law Enforcement. Pollution, watercourse protection, fish and wildlife importations, animal welfare, wildlife care centers, trapping, enforcement and hunter safety.

Prequisite: ADMJ 260

CSU

ADMJ 290

Administration of Justice Community Service Internship 3

3 units; 1 hour lecture, 8 hours lab

A program designed to permit Administration of Justice students to work as interns inside various agencies associated with law, law enforcement, courts, corrections, probation, Fish and Game, private security, and any agency or entity that provides an opportunity for the student to work with the public. Students are evaluated by the agency and college staff. Internships frequently lead to employment in the agencies where assignments are made and provide the students life experience opportunities which may benefit them as public service employees in the future.

CSU

ADMJ 291

Administration of Justice Community Service Internship 4

3 units; 1 hour lecture, 8 hours lab

A program designed to permit Administration of Justice students to work as interns inside various agencies associated with law, law enforcement, courts, corrections, probation, Fish and Game, private security, and any agency or entity that provides an opportunity for the student to work with the public. Students are evaluated by the agency and college staff. Internships frequently lead to employment in the agencies where assignments are made and provide the students life experience opportunities which may benefit them as public service employees in the future.

CSU

ADMJ 298

Selected Topics in Administration of Justice

1 - 3 units; 9 hours lecture

Topics in Administration of Justice not covered by regular Catalog Course content and unit credit to be determined in relation to community/student neds and available staff. May be offered as a seminar, lecture, or lecture/

Prerequisites: Varies with topic selected

CSU

Agriculture

AGRI 298

Selected Topics in Agriculture 1 - 3 units; 3 - 9 hours lecture

A course studying topics not covered by reqular catalog offerings. Course content and units of credit to be determined by area of study. May be offered by a lecture only, laboratory only or lecture/laboratory combination course. CSU

Administration of Justice

Agriculture

American Sign Language

Anthropology

ART 155

Beginning Ceramics

3 units; 2 hours lecture, 4 hours lab

CAN ART 6

Basic processes and technology in ceramics and appreciation of clay as a form of artistic expression. Introduction to a variety of handbuilding methods. Lectures on clay, glazes, kilns and firing. Appropriate for all art majors and minors as well as general interest students. Repeatable once for credit. CSU, UC

ART 157

Introduction To Glazes

3 units; 2 hours lecture, 4 hours lab

Designed for the student who wishes to understand how glazes are developed, prepared and used. Included are history of ceramic glazes, methods of developing and applying glazes, materials used in glazes, and practical experience in glazing testing and evaluation.

CSU, UC

ART 158

Kiln Design And Construciton

3 units; 2 hours lecture, 4 hours lab

A course for the student who wishes to gain knowledge and experience in the principles, design, and construction of kilns. Included is an understanding of studio kilns through study and preparation of a construction plan, building a kiln, and experience in loading and firing different types of kilns. Repeatable once for credit.

CSU

ART 170

Salt-Fired Pottery

1 unit; 6 hours lab; 6 weeks

Introduction to salt-fired clay which involves considerations of form, surface, and kiln pro-

Recommended Preparation: ART 155 CSU, UC

ART 171

Raku-Fired Pottery

1 unit; 2 hours lecture, 4 hours lab; 6 weeks Introduction to direct involvement in the glazing and firing of ceramic ware through the Raku process.

Recommended Preparation: ART 155 CSU, UC

ART 172

Low Fire Clay: Various Approaches

2 units; 1 hour lecture, 3 hours lab

Introduce students to various aspects of working with clay at lower temperatures, including worldwide historical developments, natural earthenware clays, compounded clay bodies, methods and types of finishing and glazing, and pit firing, electric firing, and raku.

CSU

ART 180

Printmaking 1

3 units; 2 hours lecture, 4 hours lab CAN ART 20

Tools, materials and techniques of printmaking. Some of the mediums used are woodcut, linocut, collograph and other introductory printmaking methods. Repeatable for credit two times.

CSU, UC

ART 185

Mixed Media Practices 1

3 units; 2 hours lecture, 4 hours lab

This is a studio course that focuses on the materials, techniques and applications of mixed media work in the two-dimensional arts, combining elements of painting, drawing and printmaking. Topics include an introduction to the basic principles of combining media-encaustics, monoprint, charcoal, oil paints, watercolor, ink, collage, etc., surface and support construction, paintmaking, and contemporary trends in mixed media practices. Designed for students who have successfully completed introductory courses in drawing, painting or printmaking. CŠU

ART 186

Mixed Media Practices 2

3 units; 2 hours lecture, 4 lab

This studio course is a continuation of the pictorial problems and material techniques of mixed media art introduced in Mixed Media Practices 1, focusing on more complex and varied subject matter and concepts. Additionally, this course will introduce students to 3-D mixed media practices such as found material sculpture, object collage, assemblage, and various combinations of 2-D and 3-D materials and principles. Designed for students who have successfully completed Mixed Media Practices 1.

Recommended Preparation: ART 185 **CSU**

120

Art

Biology

BIOL 103 Nutrition Today 3 units; 3 hours lecture CAN FCS 2

This is a general education course for those with no previous background in nutrition, and intended primarily for the non-nutrition major. Course content includes a study of nutrients, their use and effect in the body, psychological, economic, cultural, social and geographic influences of nutritional practices. Calorie and nutrient analysis is considered in relation to balanced diets and weight control. The principles of nutrition are considered in relation to current concerns, and the basic ideas of biochemistry are introduced. CSU, UC

BIOL 105

Human Biology: Nutrition, Health & Disease

4 units; 3 hours lecture, 3 hours lab

A survey of human biology focusing on anatomy, physiology, cell development, tissues, organs and organ systems. The course also covers molecular biology, genetics, ecology, evolution and diversity. Specifically designed for health occupations students as a prerequisite to Human Anatomy and Human Physiology, but is also designed for the non-major as well. (Lecture 3 hours, laboratory 3 hours.) Recommended Preparation: ENGL 100, MATH 94, and CHEM 110 CSU, UC

BIOL 110

Survey of Biology

4 units; 3 hours lecture, 3 hours lab

A study of life, including surveys of plant and animal kingdoms, mammalian anatomy and physiology, cytology, genetics, and ecology. Intended for non-biology majors and health occupations students.

CSU, UC

BIOL 112

Introduction to Environmental Studies 3 units; 3 hours lecture

This course is an exploration of ecological principles including weather, animal and plant interaction, the cellular and molecular basis of life and the interdependence of all these factors. The role of humans in the environment will also be a focus of the course. This is an introductory course for the science major as well as the non-major.

CSU, UC

BIOL 117

Wildlife Biology

3 units; 3 hours lecture

Introduction to the biology and ecology of terrestrial wildlife. Basic principles of wildlife management. One Saturday field trip to wildlife refuges.

CSU, UC

BIOL 120

General Biology

4 units; 3 hours lecture, 3 hours lab CAN BIOL 2; CAN BIOL SEQ A w/ BIOL 240 and 241

Study of the basic principles of Biology on the molecular and cellular levels with emphasis on macromolecules of life, organelle structure, celullar metabolism, cellular reproduction, Mendelian and molecular genetics and histology. Intended primarily for Biology Majors or students requiring a molecular/cellular interpretation of life.

Prerequisite: CHEM 120

CSU, UC

BIOL 150

Human Anatomy and Physiology 5 units; 3 hours lecture, 6 hours lab

An integrated anatomy and physiology course emphasizing the study of the normal structure and function of the human body: disease states, homeostasis, chemistry and metabolism. Includes theory, physiologic measurements and experience with cadavers. Primarily for nursing, respiratory therapy, or health field students.

Prerequisites: BIOL 105 or BIOL 110 Recommended Preparation: CHEM 110 CSU

BIOL 151

Introduction to Medical Microbiology 5 units; 4 hours lecture, 3 hours lab

Introduction to microorganisms, particularly the morphologic, physiologic and immunologic characteristics of pathogenic bacteria, viruses, fungi and protozoa. Includes factors in infection, resistance, transmission, control and chemotherapy of infectious disease processes. Laboratory experiences are adapted to clinical and hospital methods of handling and identifying microorganisms. Primarily for nursing, respiratory therapy, or health field students.

Prerequisites: At least one college level biology course. BIOL 150 or 219 is necessary for health occupations students. CSU

123

Art Astronomy Biology Natural History/Selected Topics

0.5 - 3 units; 9 - 36 hours lab

The study of the flora, fauna, communities, ecosystems and biomes of selected geographical regions in the world. These are field oriented courses which may involve moderately demanding hiking and observations to be made in the field. The titles will change according to the topic studied. Repeatable 4 times for credit.

CSU

BIOL 199

Independent Studies in Biology

1 - 3 units; 3 - 9 hours lab

Study in area of biology of special interest to student. May include advanced studies and projects begun in other biology courses or biological studies not normally included in formal course work.

Prerequisites: Two college biology courses; submission of a written proposal to be assessed by two regular biology instructors. CSU, UC

BIOL 218

Human Anatomy

5 units; 3 hours lecture, 6 hours lab CAN BIOL 10; CAN BIOL SEQ B w/ BIOL 219

An introduction to the principles of the gross and microscopic anatomy of the human body. Dissection of a human cadaver and a cat are supplemented by models, charts, and microscopic preparation of human structures. Primarily intended for students pursuing a B.A./ B.S. degree.

Prerequisites: BIOL 110 or college equiva-

Biomedical Technology

BIOM 100 Biophysical Measurements 1 1 unit; 1 hour lecture, 2 hours lab

rately, clearly, and concisely while using correct grammar, spelling, and punctuation. Written assignments total a minimum of 8,000

Recommended Preparation: Eligibility for ENGL 120 or successful completion of **ENGL 100 CSU**

BUSI 142

Principles of Management

3 units; 3 hours lecture

Analysis of basic management theory and concepts. The primary functions of management (planning, organizing, coordinating, and controlling) are studied in depth.

CSU

126

BUSI 143

Small Business Management

3 units; 3 hours lecture

The roles of entrepreneurs and small business in today's economy. Problems in buying or starting a new business: location, organization, staffing, record keeping, marketing, and financial/legal considerations.

CSU

BUSI 150

Sales

3 units; 3 hours lecture

Basic principles of sales and the development of sales techniques in select fields. Includes lectures, discussions, demonstrations, and making a sales presentation.

CSU

BUSI 160

Real Estate Principles

3 units: 3 hours lecture

Overview of real property, property valuation, and basic legal instruments. Basic terminology, rights, responsibilities, codes and common forms, documents and procedures used in real estate transactions. Will assist those in preparing for the California Real Estate Examination.

CSU

BUSI 161

Real Estate Practice 3 units; 3 hours lecture

Emphasizes the day-to-day, practical knowledge needed by real estate brokers and salespersons.

CSU

Business Chemistry

BUSI 176

Machine Calculations

2 units; 1 hour lecture, 2 hours lab

Fundamentals of operating an electronic printing calculator with practical application problems covered.

CSU

BUSI 177

Records Management

2 units; 1 hour lecture, 2 hours lab

Study and practice in rules for indexing, filing, retrieving, and cross-referencing records; study of different types of equipment and noncorrespondence record storage; study of database records management concepts and procedures.

. CSU

BUSI 185

Business English

2 units; 2 hours lecture

Principles and application of business correspondence language skills; grammar and proper usage; punctuation, hyphenation and division of words, number rules, capitalization, abbreviations, contractions, and proofreading.

CSU

BUSI 199

Independent Study in Business

1 - 3 units; 9 hours lab

Opportunity for advanced students with special skills and interests in business to explore a particular topic in depth under the direction of a business instructor. Number of units granted will depend upon evaluation of project by a business instructor. Credit/No Credit

Prerequisite: Approval of project by a fulltime instructor.

CSU

BUSI 242

Fundamentals of Finance

3 units; 3 hours lecture

A study of the basic elements of financial management with emphasis on financial planning, budgeting, and working capital management plus other areas of practical interest to small business owners and/or middle managers. Recommended Preparation: ACCT 120, Introduction to Accounting, or equivalent.

CSU

BUSI 251 Marketing

3 units: 3 hours lecture

Analysis of the social and economic implications of marketing in the business environment. Emphasis on marketing structure and behavior, marketing institutions, channels of distribution, and the ingredients that affect the market mix (product, place, price and promotion). CSU

BUSI 275

Machine Transcription

2 units; 1 hour lecture, 2 hours lab

Operation and knowledge of transcription machines. Fundamentals of spelling, grammar, and correct letter styles are reinforced. Attention is given to typing manuscripts and reports in good form.

Recommended Preparation: BUSI 185 and CISA 270

CSU

BUSI 297 Investments

2 units; 2 hours lecture

An introduction to the nature and operation of the various stock markets. An overview of the theory of investing in various types of stock and in determining stock values. Emphasis is upon the interpretation and evaluation of available information to make decisions on acquiring and disposing of stock investments. CSU

BUSI 298

Selected Topics in Business

1 - 3 units; 3 - 9 hours lab

Topics in business not covered by regular catalog offerings. Course content and unit credit to be determined in relation to community/student needs and/or available staff. May be offered as a seminar, lecture, or lecture/laboratory class.

CSU

Chemistry

CHEM 110

Introduction to Chemistry

4 units; 3 hours lecture, 3 hours lab CAN CHEM 6; CAN CHEM SEQ B w/ CHEM 111

The first course in chemistry for students preparing for biological or health sciences, for more advanced chemistry courses, or for those desiring to learn about chemistry in the everyday world for general education. Laboratory is included.

Prerequisite: MATH 90

CSU, UC

CHEM 111

Introduction to Organic and Biological Chemistry

4 units; 3 hours lecture, 3 hours lab CAN CHEM 8; CAN CHEM SEQ B w/ CHEM

An introduction to the important principles, compounds and reactions of organic and biological chemistry with an emphasis on biochemical behavior of the molecules. Laboratory includes an introduction to the basic techniques of organic and biological chemistry. For students pursuing nursing and allied health careers who need a year of chemistry that includes an introduction to organic and biological chemistry. CHEM 110 (or CHEM 120) and CHEM 111 will fulfill that requirement.

Prerequisite: CHEM 110 or 120

CSU

CHEM 120

General Chemistry 1

5 units; 3 hours lecture, 6 hours lab CAN CHEM 2; CAN CHEM SEQ A w/ CHEM 121

An introduction to principles of chemistry, with an emphasis on mathematical applications. Topics include atomic structure, stoichiometry, bonding, molecular structure, colligative properties, gas behavior, phase changes and spontaneity.

Prerequisites: High school chemistry or its equivalent or CHEM 110 and two years of High School algebra or college equivalent. CSU, UC

CHEM 121

General Chemistry 2

5 units; 3 hours lecture, 6 hours lab CAN CHEM 4; CAN CHEM SEQ A w/ CHEM 120

A continuation of CHEM 120. Topics include solutions, acid-base and redox equilibria, thermodynamics, kinetics, pH, buffers, solubility product, complexions, electrochemistry, biochemistry and nuclear chemistry.

Prerequisite: CHEM 120

CSU, UC

127

Business Chemistry

CHEM 199

Independent Study in Chemistry
1 - 3 units; 3 - 9 hours lab
This course provides students the opportunity to study an area of special interest in chemistry. Projects include: developing a chemical analysis procedure, preparation of a computer

CFS 130

The Creative Process in Young Children 3 units; 3 hours lecture

Students will explore techniques that support the creative abilities of young children in art, music, literature, drama, puppetry, cooking, and nutrition. This course emphasizes a developmental creative approach.

Prerequisite: CFS 122 and CFS 123 CSU

CFS 135

The Cognitive Development of Young Children

3 units; 3 hours lecture

Explore how young children think and develop theories and concepts. Students will gain knowledge about materials and environments to support young children's cognitive development, including math and science skills.

Prerequisite: CFS 122 and CFS 123 CSU

CFS 140

The Child, Family and Community (cross-listed as PSYC 186)

3 units: 3 hours lecture

This course is a multicultural examination of the effects of family and community on a child's development. Topics include the interactions among children, family, school, peers, media, and community, with an emphasis on ethnic diversity, social class, gender roles, and their impact on family behavior, values, morals, and attitudes.

CSU, UC

CFS 145

Language Development and Early Literacy in the Young Child

3 units; 3 hours lecture

The development of language in young children and the role of literature are examined, including a detailed exploration of quality children's literature. The practical use of language and literature in a variety of early childhood settings will be discussed.

Recommended Prep: CFS 122 and CFS 123 CSU

CFS 150

Infant/Toddler Development & Education

3 units; 3 hours lecture

This is an introductory course in the development and behavior of infants and toddlers, birth to three years of age. Curriculum and caregiving practices will be explored.

Prerequisite: CFS 120 or PSYC 185

CSU

CFS 151

Environments for Infants and Toddlers *3 units; 3 hours lecture*

This course will study the impact of the physical and emotional environment of an infant/toddler classroom on the social, emotional and cognitive well being of infants and toddlers. The components of good quality early care and education for this age group will also be studied.

CSU

CFS 155

Sensitive Issues in Early Childhood

3 units; 3 hours lecture

This is an introductory course on issues in life that affect children: marriage, separation and divorce, death, sex and sexuality, self-acceptance, cultural and racial identity, hospitalization, and child abuse. This course is designed for parents, individuals in the helping professions, early childhood students, and other interested persons.

CSU

CFS 160 Parenting

(cross-listed as PSYC 187)

3 units; 3 hours lecture

This course explores a wide range of parenting theories and techniques, utilizing a theoretical foundation with a practical approach. There is particular emphasis on building self-esteem, verbal and non-verbal communication, power, and control.

CSU

CFS 161

Working with Families

3 units; 3 hours lecture

This course explores the value of relationships between families and the staff within the school setting. Includes an in-depth exploration of key concepts on how to deal effectively with families.

CSU

CFS 162

Overview of Special Education

3 units; 3 hours lecture

History, recent laws, current local practice, and occupations in special education will be explored. Designed for parents of children with disabilities, employees in regular education programs, and those interested in a career in special education.

CSU

129

Chemistry Child and

Family Studies

CFS 165

Curriculum and Environments in Early Childhood Programs

3 units; 3 hours lecture

This is a theoretical and practical course to develop the skills and abilities that will meet the needs of children in childcare settings. Emphasis is on planning and structuring the curriculum and environment to be responsive to psychosocial and physical needs of children.

Prerequisite: CFS 120 or PSYC 185; and

CFS 122 CSU

CFS 168

Early Childhood Workshop

0.5 unit; 9 hours lecture; 1 week

A short course offered peridocally on specialized topics in early childhood field. For current early childhood students, professionals, parents and other interested persons. Credit/No Credit grading. Repeatable for credit as topics change.

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CFS 170

Studying the Reggio Emilia Approach 3 units; 3 hours lecture

This is an introductory course in the theory, philosophy, and inspiration of Reggio Emiliar approach to early childhood education. Students will explore an interpreation of the basic principles of this approach. Emphasis is on developing a new image of the child in connection with the role of adults (teachers and parents), developing relationships, interactions, and experiences based on "progettazione" (term used in Reggio Emilia for prediction, hypothesis, projections of emergent projects).

CSU

CFS 175

Meeting the Developmental Needs of the School-Aged Child

3 units; 3 hours lecture

The student will be exposed to the philosophy, principles and practices of school-age child care. Emphasis is on preparing students to work with children in a group setting. Students will learn techniques for guiding behavior, structuring program flow, and preparing environment to meet the needs of the school age child.

CSU

CFS 180

Childhood: A Cross-Cultural

Perspective

(cross-listed as ANTH 180)

3 units; 3 hours lecture

This course will include a comparative study of childhood as it is experienced in a variety of world and American ethnic cultures. The (cross-liPSYC T84ANTH 180)

CFS 222 Student Teaching I 7 units; 2 hours lecture, 15 hours lab

CISA 134 Internet Essentials (cross-listed as ENGI 134) 2 units; 1 hour lecture, 2 hours lab

A course that emphasizes successful Internet resources usage. Learn how to confidently integrate the conductivity to Internet into your course work and major. Master electronic mail and browsing the World Wide Web of Internet. Become successful in locating and retrieving

CISA 182

Javascript

1.5 units; 3 hours lecture, 1 hour lab; 9 weeks This class will introduce the enhancement of documents for the World Wide Web using JavaScript. This class builds on the Web pages with HTML class and will continue multimedia topics.

Recommended Preparation: CISA 180 or equivalent.

CŚU

CISA 184

Web Page Design using Microsoft Frontpage

1.5 units; 3 hours lecture, 1 hour lab; 9 weeks
Design, construct, and publish pages for the
World Wide Web using Microsoft FrontPage.
Recommended Preparation: COMS 110
CSU

CISA 186

Beginning Word Processing 2 units; 1 hour lecture, 2 hours lab

A "hands-on" course designed to introduce the fundamentals of a current word processing program. Emphasisis on developing word processing skills and techniques for the workplace.

Recommended Preparation: CISA 170 or equivalent keying skill

CSU

CISA 210

Microcomputer Operating Systems 3 units; 3 hours lecture, 1 hour lab

Introduction to microcomputer operating systems: comparison of windows and DOS (disk operating system), command structures, terminology, printer operation. Trouble-shooting the PC; comparison of operating commands in various applications of routine computer work functions.

Recommended Preparation: COMS 110 CSU

CISA 212

Introduction to Unix

3 units; 3 hours lecture, 1 hour lab

An introduction to the effective use of the Unix operating system. Both the single-user and multi-user capabilities of the system will be explored.

Recommended Preparation: COMS 110 CSU

CISA 270

CISA 289

Advanced Desktop Publishing

1 unit; 1 hour lecture, 2 hours lab; 9 weeks

A "hands-on" course designed to expand and enhance a student's basic knowledge of the desktop publishing capabilities of a word processing program. Students will learn to prepare brochures, Web pages, newsletters, reports and manuals.

CISA 298

Selected Topics in Computer Information Systems - Applications

0.5 - 3 units; $0.\overline{5}$ - 9 hours lecture, 1.5 - 9 hours lab

Topics in Computer Informations Systems - Applications not covered by regular catalog offerings. Course content and unit credit to be determined in relation to community/ student needs and available staff. May be offered as a seminar, lecture/lab or lab class. CSU

Computer Information Systems - Networks

CISN 110

Networking Fundamentals

3 units; 3 hours lecture, 1 hour lab

This course provides a comprehensive overview of the fundamental concepts of computer networking. It is designed to make the student aware of the various elements, protocols and software within the networking environment. *Recommended Preparation: COMS 110 or*

equivalent. CSU

CISN 120

Network Administration

3 units; 3 hours lecture, 1 hour lab

This course provides students with the knowledge and skills necessary to perform post-installation and day-to-day network administrative tasks in single-domain and multiple-domain networks on Windows NT, 2000, and XP.

Recommended Preparation: CISN 110 or equivalent

CŚU

CISN 130

Network Technical Support 3 units; 3 hours lecture, 1 hour lab

This course provides students with the knowledge and skills necessary to install, configure,

customize, and troubleshoot Microsoft Windows NT, 2000, and XPin a single-domain network. In addition, students learn how to integrate Windows networks with other platforms such as Novell NetWare and UNIX networks.

Recommended Preparation: CISN 110 or equivalent

CŚU

CISN 141

Operating Systems, Windows 2000 Professional

3 units; 3 hours lecture, 1 hour lab

This course provides students with the knowledge and skills necessary to install, configure, customize, and troubleshoot Microsoft Windows 2000 Professional in a single-domain Microsoft Windows 2000 based network.

Recommended Preparation: Completion of COMS 110 or equivalent.

CSU

CISN 142

Operating Systems, Windows XP 3 units; 3 hours lecture, 1 hour lab

This course provides students with the knowledge and skills necessary to install, configure, customize, and troubleshoot Microsoft Windows XP in a single-domain Microsoft Windows based network.

Recommended Preparation: COMS 110 or equivalent

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CISN 145

Active Directory Architecture

3 units; 3 hours lecture, 1 hour lab

This course will prepare the student to instrall, configure, manage, monitor and troubleshoot Active Directory. O ther topics covered include configuring DNS (Domain Name Services) for Active Directory, optimizing components, and security of Active Directory. Students will propose and implement various configurations and test them in hands-on lab case study assignments.

CISN 150

CSU

Exchange Server Administration

3 units; 3 hours lecture, 1 hour lab

This course will prepare the studen

This course will prepare the student to plan, deploy and configure electronic mail and messaging solutions utilizing Microsoft Exchange Server. Students will analyze communication and collaboration needs for several types of organizations then propose and imple-

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Computer Information Systems

ment appropriate solutions. These solutions will also be deployed and tested in hands-on lab work using a Windows Server Platform. CSU

CSU

Networking with TCP/IP 3 units; 3 hours lecture, 1 hour lab

This course provides students with the knowledge and skills required to set up, configure, use, and support Transmission Control Protocol/Internet Protocol (TCP/IP) on Microsoft Windows NT, 2000 and XPoperating systems. Recommended Preparation: CISN 110 or equivalent.

CISN 165

CISN 160

Network and Computer Security 3 units; 3 hours lecture, 1 hour lab

This course will prepare the student to implement security measures on networked and stand-alone computer systems. Students will analyze security risks from a variety of sources including user authentication, file security, denial-of-service-attacks, viruses, and physical attacks. The proposed security solutions will be implemented and tested in hands-on lab work using Windows 2000. These security solutions are also applicable in Windows 9x, ME, NT, XP, and UNIX CSU

CISN 170

Basic Router Configuration and Networking

3 units; 3 hours lecture, 1 hour lab

This course builds on the concepts from the Networking Fundamentals (CISN 110). It provides a comprehensive overview of basic router configuration on a local area network (LAN). It is designed to provide students with the knowledge and skills needed to proceed to a course in router configuration on a wide-area newtwork (WAN). This course is the second of a four-course sequence designed to prepare the student to successfully complete the CCNA (Cisco Certified Networking Associate) Certificate exam.

CSU

CISN 171

Advanced Router Configuration and Networking

3 units; 3 hours lecture, 1 hour lab

This course builds on the concepts from the Networking Fundamentals (CISN 110) and Basic Router Configuration and Networking (CISN 170). It provides a comprehensive over-

view of router configuration on a Wide Area Network (WAN). This course is the third of a

COMS 100

Introduction to Computer Systems

3 units; 3 hours lecture

An introduction to the concepts of computer information systems and their application in problem solving and decision-making for business, science and industry. An overview of computer terminology, computer system com-

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3 units; 3 hours lecture

A course designed to assist students in obtaining the skills and knowledge necessary to reach their educational goals. Students will receive an extensive orientation to the college and its policies and programs. Students will also participate in career planning activities and be introduced to study skills in the areas of note-taking, reading skills, test-taking, and listening skills.

COUN 101

College Discovery

1 unit; 3 hours lecture; 6 weeks

A short-term, intensive course designed to help students adjust to college by orienting them to college resources and teaching them how to network with others. Students will identify and address strengths and barriers related to college success, as well as discover their own learning style and attitude. Students will also learn effective college/classroom behaviors, including listening, concentration, note-taking, and academic honesty. Self-management skills will be addressed, along with motivation, personal responsibility, and self-discipline. CSU

COUN 102

Strategies for Personal Development 1 unit; 3 hours lecture; 6 weeks

A short-term, intensive course that provides students with exposure to successful strategies for college and life, including: communication skills, relationship development, priority management, and decision-making tech-

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PC). 2. Obtain clearance from a licensed physician indicating capacity to participate in intensive physical activity. The above prerequisites may be certified by an authorized law enforcement agency.

CSU

CJT 202 Resource Academy 20 units; 24.5 hours lecture, 18 hours lab The Resource Academy consists of all the re-

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Graphics Technology/ Autodesk Premier ATC curriculum.

Prerequisite: DDGT 121

CSU

DDGT 201

Autocad for the Professional Level 1 1 unit; 5 hours lecture, 11 hours lab; 2 weeks This course teaches the beginning Computer-Aided Drafting (CAD) user the beginning fundamentals of using the latest release of the AutoCAD software program. The user interface, drawing aids, drawing & editing commands, layers, blocks, drawing annotation, dimensioning, and outputting drawing files to hard-copy are covered.

CSU

DDGT 202

Autocad for the Professional Level 2 1 unit; 5 hours lecture, 11 hours lab; 2 weeks This course builds on knowledge and skills gained in DDGT201, AutoCAD For the Professional Level 1. Topics covered include grips, object selection settings and filters, system variables, advanced linetype creation, block attributes, externally referenced files, working with raster images, dimension style families, editing dimensions, paperspace and printing, and introduction to customization and 3D drawing.

DDGT 203

CSU

Autocad for the Professional Level 3 1 unit; 5 hours lecture, 11 hours lab; 2 weeks This course builds on topics covered in AutoCAD level 2 by incorporating various AutoCAD command structures into the output of drawing files by plotting and printing, create a continuous slide show, and work with paperspace. CSU

DDGT 205

Autocad 3D Drawing and Rendering 1 unit; 5 hours lecture, 11 hours lab; 2 weeks This course teaches the student how to use the latest release of AutoCAD for drawing three dimensional (3D) wireframe and solid models. Construction techniques including Boolean operations are taught as are rendering techniques including materials and lighting. Recommended Preparation: DDGT 202 CSU

Digital Design Graphics Technology

Drama

DDGT 206

Autocad Architectural Desktop

1 unit; 5 hours lecture, 11 hours lab; 2 weeks

This course is intended for students who are AutoCAD proficient and wish to optimize their architectural CAD capabilities by using the AutoCAD Architectural Desktop software program. Topics covered include showing the progression from schematic design to design development through the creation of construction documents. Also included are the development of 3D animated walk-throughs and fly-bys.

CSU

DDGT 207 3D Studio Max, Level 1

1 unit; 5.5 hours lecture, 10.5 hours lab; 2 weeks

A beginning level course in the use of the latest releaseo of Kinetix 3D Studio Max, an industry leading three-dimensional modeling and animating software application that runs on the Windows NT platform. Topics covered include hardware requirements, user interface, 3D modeling, keyframes, lights and cameras, material application, and animating scenes. *Recommended Preparation: DDGT 205* CSU

DDGT 208

3D Studio Max Level 2

1 unit; 5 hours lecture, 11 hours lab; 2 weeks This is the second in a two-course series in the study of 3D Studio MAX, an animating and rendering software program. Topics include review 3D Studio MAXLevel 1, advanced shape editing, advanced modifier usage, animating materials, complex lofting techniques, video post, and adding audio to animations. Recommended Preparation: DDGT 207 CSU

DDGT 209

3D Studio Viz Level 1

1 unit; 5 hours lecture, 11 hours lab; 2 weeks This course teaches the architectural designer how to present to their clients realistically modeled, rendered and animated three dimensional walkthroughs and fly-bys of their architectural designs on a desktop computer platform using the 3D Studio VIZ software application. Recommended Preparation: DDGT 206 CSU

DDGT 230

Digital Architectural Drafting and Design

6 units; 3 hours lecture, 6 hours lab

A study of the digital graphic representation used by the architectural field, building codes, symbology, floor plans, sectional views, foundation plans, roof framing plans, specifications, interior/exterior elevations, computer animated walk-throughs and fly-bys. *Recommended Preparation: DDGT 206*

Recommended Preparation: DDGT 20& CSU

DDGT 231

Architectural Design and Drafting 2 6 units; 3 hours lecture, 6 hours lab

Design fundamentals and graphic representation used by the architectural drafter. The use of symbols, sectional views, details, elevations, floor plans and applications of building codes as they apply to commercial and advanced residential projects.

Prerequisite: DDGT 230

Recommended Preparation: DDGT 121 CSU

DDGT 240

Digital Design Graphics Technology 3 7 units: 5 hours lecture, 10 hours lab

A third of a four course series in the Digital Design Graphics Technology A.S. Degree program. Study of modeling, materials, lighting, and animation of three-dimensional (3D) models and scenes. Editing 3D objects, lofting objects, utilize particle systems, create cameras, perform video post operations, timing of multiple object animations within a scene. Study of traditional pictorial drawing types, and biped character animation.

Prerequisite: DDGT 121

CSU

DDGT 241

Digital Design Graphics Technology 4 7 units; 5 hours lecture, 10 hours lab

The last of a four course series in the Digital Design Graphics Technology A.S. Degree program. The study of civil drafting, geographic information systems (GIS) and their relationship to engineering documentation, utilization of electrical/electronic symbology and the development of various electronic diagrams.

Prerequisite: DDGT 240

CSU

DDGT 298

Selected Topics in Digital Design Graphics Technology

1 - 3 units; 1 - 9 hours lecture/lab

Topics in Digital Design graphics Technology not covered by regular catalog listings. Course content and unit credit to be determined in relation to community/ student needs and available staff. Offered as a seminar, lecture, or lecture/lab class. CSU

Drama

DRAM 110

Survey & Appreciation of Theatre (cross-listed as HUMA 170)

3 units; 3 hours lecture

CAN DRAM 18

An introduction to theatre arts. Exploration of the range and magnitude of the theatrical experience, elements of a play, also the historical tradition's influence, its contents and forms. CSU, UC

DRAM 114

Introduction to Dramatic Literature (cross-listed as ENGL 208)

3 units; 3 hours lecture

CAN ENGL 22

Reading and comparison of plays and theo-

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(how films are made), film criticism and critical thinking techniques to achieve the course objectives.

CSU, UC

DRAM 220

Shakespeare on Stage 3 units; 3 hours lecture

This course is designed to provide a basic approach to the creation of effective dramatic presentations of the plays of William Shakespeare. Students will study Bizabethan and contemporary stage technique; and develop skills dealing with interpretive, vocal and physical demands of contemporary Shakespearean performance. Repeatable once for credit.

CSU, UC

DRAM 240

Intermediate Acting 1

3 units; 2 hours lecture, 3 hours lab

A continuation of the study of the processes of acting and the creation of dramatic roles on an intermediate level. Improvisation, scenes from realistic and non-realistic plays, etc. May be repeated 1 time.

Recommended preparation: DRAM 120 CSU, UC

DRAM 244

Acting Workshop

3 units; 1 hour lecture, 2 hours lab

The exploration and development of acting skills through exercise and performance. Repeatable once for credit.

CSU, UC

DRAM 298

Selected Topics in Drama

1 - 3 units; 2 - 54 hours lab

Topics in drama not covered by regular catalog offerings. Course content and unit credit to be detrmined in relation to community/student needs and/or available staff. May be offered as a seminar, lecture, or lecture/lab class. CSU, UC

Earth Science

EART 110

Earth Science: Earth, Sea, and Sky 4 units; 3 hours lecture, 3 hours lab

A general lab science course for the liberal arts student. Earth resources, earth-sun-moon relationships, weather and climate and ocean-ography, with application to the San Francisco CSU, UC

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ENGI 241

Engineering Mechanics: Statics

3 units; 2 hours lecture, 3 hours lab

CAN FNGR8

Solve two-and-three-dimensional engineering probles using vector mechanics. Study the equilibrium of rigid bodies, centroids, centers of gravity and forces on submerged surfaces. Analyze trusses, frames and machines. Understand forces in beams, including shear and moment diagrams and friction.

Prerequisites: PHYS 140, MATH 121

CSU, UC

ENGI 242

Circuits 1

4 units; 3 hours lecture, 3 hours lab

CAN ENGI 6

Basic electric circuit analysis techniques, including electrical quantities and elements, resistive circuits, network theorems, transient and steady-state responses of RLC circuits, ideal transformers and amplifiers, sinusoidal excitation and phasors, and complex frequency and network functions.

Prerequisites: PHYS 240, MATH 221

CSU, UC

ENGI 298

Selected Topics in Engineering

1 - 3 units; 1 - 3 hours lecture, 3 - 9 hours lab

Topics in General Engineering and various Engineering disciplines, such as Engineering Computer Science, Civil Engineering, Mechanical Engineering, Electrical Engineering, Environmental Engineering, Chemical Engineering, Biological Engineering etc., not covered by regular catalog offerings. Course offerings will be based on community/student or program interest and need. Course content and unit credit to be determined by selected topic. May be offered in a seminar, lecture, or lecture/laboratory format as appropriate. CSU, UC

English

ENGL 12

Beginning Reading Skills

2 - 4 units; 1 - 3 hours lecture, 2 hours lab

An individualized reading course that focuses on acquisition and/or strengthning of the technical skills necessary for decoding, comprehending and interpreting reading material. Special emphasis will be placed on reading in the content areas and developing the ability to respond to assigned readings both in writing and oral discussion. A tutorial lab component

will provide individually prescribed self-paced supplemental instruction and skill development activities for all students enrolled in this course. Credit/No credit grading. Recommended for students scoring in category 1 in reading. Repeatable for credit three times or until four units are earned.

ENGL 14

Developmental Spelling

1 - 2 units; 1 hour lecture, 2 hours lab

An individualized developmental spelling course that focuses on spelling principles and rules. First-time students may be required to enroll in PSYC 10 at the same time. Variable unit; Credit/No Credit grading; Open Entry/Open Exit. Repeatable for credit three times or until four units are earned.

ENGL 15

Beginning English Grammar

3 units; 3 hours lecture

A beginning level course in grammar and sentence writing. Students will learn to write a grammatically correct sentence using rules of grammar, punctuation and spelling. Credit/ No Credit grading. This class is appropriate for students needing skills necessary for English 85 and above, and/or those who have scored in category 1 of the English Placement Test.

ENGL 16

Intermediate English Grammar

3 units: 3 hours lecture

An intermediate course emphasizing the development of skills necessary for writing a grammatically correct sentence and paragraph. This class is appropriate for students needing skills necessary for English 85 and above, and/or those who have scored in category 1 of the English Placement Test. Credit/No Credit grading.

ENGL 17

Computer Composition

1 - 2 units; 0.5 - 1 hour lecture, 1.5 - 3 hours

An individualized lecture/laboratory course which prepares students to write compositions using the computer as required for higher level English classes. Students will learn keyboarding skills, beginning word processing, and Modern Language Association formatting. Credit/No Credit Grading. Repeatable for credit three times or until 1.5 units are earned.

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Electronics Engineering English

ENGL 54

Advanced Reading Comprehension 2 units; 2 hours lecture, 1 hour lab

Discussion and application of advanced reading comprehension techniques. Skills include determining central focus/main idea, noting supporting points, improving vocabulary, reading critically and using techniques to improve comprehension of retention. Appropriate for students scoring in Category 3 of reading placement test. Credit/No Credit grading. May be repeated once for credit.

ENGL 60

Study and Test-taking Techniques 1 - 3 units; 3 hours lecture

Skills necessary for success in college: reading textbooks; taking lecture notes; studying; taking tests; managing time; and reducing test anxiety. Credit/No Credit grading. Recommended for students with a least a score in Category 2 in reading.

ENGL 84

Supervised Writing Lab 0.5 - 1 units; 1 - 2 hours lab

A lab course which helps students of all levels strengthen their writing skills. Students may enroll themselves or be referred by teachers who have analyzed specific problems. Credit/ No Credit grading; Open Entry/Open Exit. Repeatable as topics change.

ENGL 85

Basic Reading and Writing

5 units; 5 hours lecture

A course that introduces students to beginning academic reading and writing, stressing the relationship between reading, thinking, and writing. The course emphasizes the critical reading process, stressing reading comprehension, analysis, and evaluation. Writing is treated as a reflection of critical thinking; therefore, the course emphasizes the writing process, stressing paragraph and essay development, and using grammar as a tool to enhance coherence, clarity, and unity in the writing. Repeatable once for credit.

Prerequisite: Appropriate skill level established through the English assessment process which consists of multiple measures.

ENGL 100

Preparing for College Reading and Writing 1

3 units; 3 hours lecture

A class designed to build the student's skill level and confidence as reader and writer. Includes

instruction in writing, discussion and critical analysis of reading material, and review of grammar. A minimum of 5,000-6,000 words of writing required.

Prerequisite: English 85 or appropriate skill level established through the English assessment process which consists of multiple measures.

CSU

ENGL 101

Preparing for College Reading and Writing 2

3 units; 3 hours lecture

This course is designed to increase the student's skill level as a reader, writer, and critical thinker. Emphasizes the analysis of texts, vocabulary building, critical thinking and writing skills. Open to all students, but especially recommended to students desiring a second semester of preparation for ENGL120. On its own, this course does not satisfy the prerequisite requirement for ENGL120.

Prerequisite: ENGL 100 with a grade of "C" or better or eligibility for ENGL 120. CSU

ENGL 105

Collegiate Learning Strategies

3 units; 3 hours lecture

Presentation and application of advanced learning strategies appropriate for degree and transfer students. Techniques include efficient time-management; learning styles applications; concentration and memory improvement; textbook reading, marking, and notetaking; effective listening and lecture notetaking; exam preparation; test-anxiety reduction; test analysis; test-taking strategies; and individualized academic tactics for the student's academic needs and plans.

ENGL 120

Reading & Composition 1

3 units: 3 hours lecture

CAN ENGL 2; CAN ENGL SEQ A w/ ENGL 121

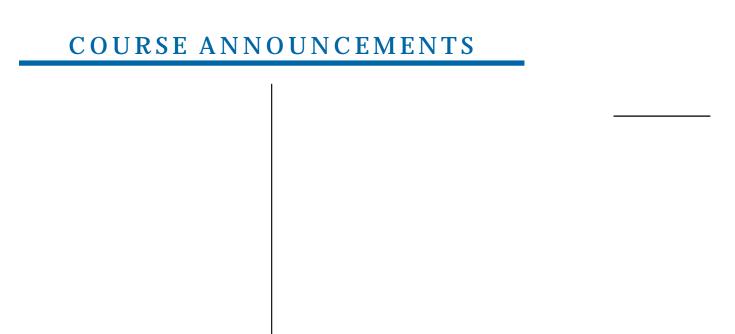
Expository, analytical, and argumentative writing based on reading and analysis of essays and other college-level texts. Emphasis on critical thinking and reasoned support of ideas. Practice in using research and documentation skills. A minimum of 8,000 words of writing required.

Prerequisite: English 100, or appropriate skill level established through the English assessment process which consists of multiple measures.

CSU, UC

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English



ENGL 204

Poetry Workshop 2 3 units; 3 hours lecture

A class for those who have completed the basic class in poetry workshop. The format of the class includes lecture and laboratory workshop with work in progress the subject for consideration in the latter.

Prerequisite: ENGL 203

CSU, UC

ENGL 208

Introduction to Dramatic Literature (cross-listed as DRAM 114)

3 units; 3 hours lecture CAN ENGL 22

Reading and comparison of plays and theories of drama from ancient Greece to the 20th century.

CSU, ÚC

ENGL 209

Introduction to Short Fiction

3 units; 3 hours lecture

The reading and discussion of short fiction, reflecting the chronological development of the short story as a genre and including narratives from diverse viewpoints, e.g., national, ethnic, sexual.

Prerequisite: ENGL 100

CSU, UC

ENGL 210

Introduction to The Novel

3 units; 3 hours lecture

Reading and discussion of major novels from British, American and world literature. Emphasis on style and structure; on the history of the novel, and on social, political, and philosophical contexts.

Prerequisite: ENGL 120

CSU, UC

ENGL 211

Introduction to Poetry

3 units; 3 hours lecture CAN FNGL 20

An introduction to poetry through the diverse historical and worldwide range of poets writing in many languages and out of many cultures.

Prerequisite: ENGL 120

CSU, UC

ENGL 212

Introduction to Literature By Women

3 units; 3 hours lecture

Survey of women writers in different periods, countries, and genres. Emphasis on authors of

the 19th and 20th centuries.

Prerequisite: ENGL 100

CSU, UC ENGL 213

Survey of British Literature 1

3 units; 3 hours lecture

CAN ENGL 8; CAN ENGL SEQ B w/ ENGL 214

Reading and discussion of major works of British literature from the medieval period through the eighteenth century. Review of the literature in relation to its historical, political, religious, social, and literary contexts and its influence upon and pertinence to our times.

Prerequisite: ENGL 120

CSU, UC

ENGL 214

Survey British Literature 2

3 units; 3 hours lecture

CAN ENGL 10; CAN ENGL SEQ B w/ ENGL

213

Reading and discussion of major works of British literature from the nineteenth century through the present. Review of the literature in relation to its historical, political, religious, social, and literary contexts and its influence upon and pertinence to our times.

Prerequisite: ENGL 120

CSU, UC

ENGL 215

Survery of American Literature 1

3 units; 3 hours lecture

CAN ENGL 14; CAN ENGL SEQ C w/ ENGL

216

Reading and discussion of American literature through the Civil War, including Pre-colonial, Colonial, Enlightenment, and Romantic texts of all genres. Literary movements explored as they reflect political, religious, philosophical, artistic, racial and socioeconomic issues of the United States past and present.

Prerequisite: ENGL 120

CSU, UC

ENGL 216

Survey of American Literature 2

3 units; 3 hours lecture

CAN ENGL 16; CAN ENGL SEQ C w/ ENGL

215

Reading and discussion of American literature from the Civil War through the present, including 19th and 20th Century Realism, Naturalism, Modernism, and Post-Modernism, as represented in texts of all genres. Literary movements explored as they reflect political, religious, philosophical, artistic, racial, socioeconomic issues of the U.S. past and present.

Prerequisite: ENGL 120

CSU, UC

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English
English as a
Second
Language

ENGL 217

Literature of American Ethnic Diversity

3 units; 3 hours lecture

A survey of American literature focusing on ethnic diversity in the American cultural experience with a special emphasis given to issues of gender and women writers. The literature is reviewed from literary, historical, political, social, artistic, and thematic perspectives. CSU, UC

ENGL 220

Shakespeare: Introduction 3 units; 3 hours lecture

Reading and discussion of representative Shakespearean comedies, tragedies, histories, and tragi-comedies as well as selected sonnets and other poems. Focus on changing texts and performances of Shakespeare's plays from the sixteenth century through the present. Review of the literature in relation to its historical, political, religious, social, and literary contexts and its influence upon and pertinence to our times.

Prerequisite: ENGL 120 or equivalent course with a grade of C or better; or Category 3 score on English Placement Test.

CSU, UC

ENGL 221

Masterpieces of World Literature 1 *3 units; 3 hours lecture*

Reading and discussion of masterpieces of world literature beginning with the inventing of writing and the earlist literatures and continuing with the Renaissance in Europe and the meeting of Native American and European cultures in the New World. Great works of the Western tradition are studied alongside masterpieces from Africa, the Caribbean, China, India, Japan, the Middle east, and Native America. Literature is reviewed in relation to its historic, religious, political, social, and artistic settings and in connection to modern thought.

CSU, UČ

ENGL 222

Masterpieces of World Literature 2 *3 units; 3 hours lecture*

Reading and discussion of world literature from 1650 to the present. Great works of the Western tradition are studied alongside masterpieces from Africa, the Caribbean, China, India, Japan, the Middle East, and Native America. Literature is reviewed in relation to significant historic, religious, political, social, and artistic settings and its connection with

modern thought.

Prerequisite: ENGL 100

CSU, UC

ENGL 223

The Bible as Literature

3 units; 3 hours lecture

Reading and discussion of The Bible, including texts from the Hebrew Bible and the New Testament. Particular emphasis on textual criticism and literary analysis as well as historical and cultural contexts. Focus on academic rather than theological exogesis.

Prerequisite: ENGL 120

CSU, UC

ENGL 298

Selected Topics in English 1 - 3 units; 2 - 9 hours lecture

Topics in English not covered by regular catalog offerings. Course content and unit credit to be determined in relation to community/student needs and available staff. May be offered as a seminar, lecture, or lecture/lab class. CSU, UC

English as a Second Language

ESL 50

Grammar/Writing 1

5 units; 5 hours lecture

This course is the grammar/writing component of Level 1 of the ESL program. Students will study basic English grammar and writing process skills. They will write short paragraphs using simple and compound sentences.

tivities.

Recommended Preparation: Satisfactory score on the ESL placement test recommended. Concurrent enrollment in ESL 50 and 54 recommended.

ESL 60

Grammar/Writing 2

5 units; 5 hours lecture

This course is the grammar and writing component of Level 2 of the ESL program. Students will build on basic grammar and writing skills of Level 1, learning to write simple narrative and descriptive paragraphs, using present, past, and future tenses and simple, compound, and complex sentences. They will learn to revise and edit their writing.

ESL 64

Reading and Discussion 2

3 units; 3 hours lecture

ESL 64 is the reading component of the second level of the ESL Program. Students will build on basic reading and vocabulary skills from Level 1 and improve skills such as reading comprehension and speed, vocabulary development (including vocabulary in context) summarizing written material, and overall language fluency. Class discussion is an important part of this course. Credit/No Credit grading.

ESL 66

Oral Communication 2

3 units; 3 hours lecture

Intensive practice in the control of spoken American English, emphasizing pronunciation and fluency. Intensive practice in listening comprehension. Students will participate in a variety of exercises for pronunciation, intonation, oral expression, and listening comprehension. Recommended Preparation: Satisfactory score on the ESL placement test or enrollment in any ESL level course below ESL 80, or prior enrollment in any ESL course. Concurrent enrollment in ESL level 60 or 70 recommended.

ESL 70

Grammar 3

3 units; 3 hours lecture

This is the grammar component of Level 3 of the ESL program. Students will build on grammar skills of Level 2, focusing on a review of all verb tenses and on sentence structure, particularly construction of compound and complex sentences. Intensive oral and written practice will accompany explanations.

ESL 72

Writing 3

3 units; 3 hours lecture

This course is the writing component of Level 3 of the ESL program. Students will build on writing and reading skills of Level 2, writing and revising short narrative and descriptive compositions with clear introductions, support, and conclusions.

ESL 74

Reading Level & Discussion Level 3 *3 units; 3 hours lecture*

This is the reading component of the third level of the ESL Program. Students will build on the reading and vocabulary skills of level 2, reading full-length works of fiction or nonfiction books and continuing to improve and expand reading comprehension, discussion, and vo-

cabulary skills, and overall fluency. Recommended preparation: ESL 60, 62, and 64, or appropriate score on ESL placement test

Recommended concurrently: ESL 70 AND 72

ESL 75

Listening 3

4 units; 3 hours lecture, 1 hour lab

Acquisition of auditory sensitivity and assimilative capacity in English. Listening comprehension enhanced through audiotapes, films, music, storytelling, oral reading, dictation and other exercises. ESL60, 62, and 64 or appropriate ESL placement test scores strongly recommended.

ESL 80

Grammar 4

3 units; 3 hours lecture

This course is the grammar component of Level 4 of the ESL program. Students will build on grammar skills of Level 3 ilms,



FREN 121

Second Semester French

5 units; 5 hours lecture

CAN FREN 2; CAN FREN SEQ A w/ FREN 120

The second part of a four-semester sequence of transfer-level French courses. Continued work on language communication integrating listening, speaking, reading, and writing skills in real world contexts. Ongoing development of cultural awareness.

Prerequistite: FREN 120 or two years of

equivalent. CSU, UC

FREN 199

Independent Study In French

1 - 3 units; 3 - 9 hours lab

An independent study course for students interested in specialized French language study, reading or cultural research, or in completing a project that deals with an acceptable topic in French. May be repeated three times for credit.

CSU, UC

FREN 240

Third Semester French

5 units; 5 hours lecture

CAN FREN 8; CAN FREN SEQ B w/ FREN 241

The third part of a four-semester sequence of transfer-level French courses. This intermediate course is designed to consolidate and improve first-year skills through focused practice and synthesis. Course includes a variety of sustained reading selections for exposure to literature, culture, business, political and other terminologies practical to application for interdisciplinary education.

Prerequisite: FREN 121 or equivalent.

CSU, UC

FREN 241

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GEOL 116

Geology Hazards and Humanity 2 units; 2 hours lecture

Natural and man-imposed geologic hazards throughout history: earthquakes, landslides, floods, volcanic eruptions, shoreline erosion, subsidence, and disposal of wastes. Field trip required.

ĊSU, UC

GEOL 190

Special Field Trip in Geology & Natural History

.5 - 3 units; 1 hour lecture, 2 hours lab; 2 weeks One-day to two-week field trip to geological areas in the Western United States. Understanding and recognition of geological land forms and structures. Field trips amplify the highlights of GEOL110 and 112. Credit/No Credit grading. Repeatable three times.

Prerequisite: GEOL 111, 112 or GEOG 110 concurrently

CSU, UC

GEOL 199

Independent Studies in Geology

1 - 3 units; 3 - 9 hours lab

An opportunity to study any area of Geology of special interest to the student. Material may include continuation of knowledge and projects begun in other Geology courses or geological studies not normally included in formal course work.

Prerequisite: College level geology course CSU

GEOL 298

Selected Topics in Geology 1 - 3 units; 9 - 16 hours lab

Topics in geology not covered by regular catalog offerings. Course offerings will be based on community/student interest and need. Course content and unit credit to be determined by selected topic. May be offered in a seminar, lecture or lecture/laboratory format. CSU, UC

German

This series fulfills the university requirements for language training.

GERM 120

First Semester German

5 units; 5 hours lecture

CAN GERM 2; CAN GERM SEQ A w/ GERM

HEOC 173

Chinese Medicine

3 units; 2 hours lecture, 2 hours lab

Discussion of Chinese medicine concentrating on meridians, their acupressure points and related theories that explain how the system affects health. Acupressure techniques, which promote optimum health, are demonstrated. Covers internal body meridians and adjuncts to acupressure/acupunction such as herbs, cupping, moxibustion and breathing techniques. CSU

HEOC 185

Spanish for Health Professionals 1 (cross-listed as SPAN 100)

2 units; 2 hours lecture

Spanish most useful in health fields. For students who work in health fields and need to communicate with clients in Spanish. CSU

HEOC 186

Spanish for Health Professionals 2 (cross-listed as SPAN 101)

2 units; 2 hours lecture

Continued study of Spanish for health professionals who work in health fields and need to communicate with clients in Spanish.

Prerequisite: HEOC 185 or equivalent CSU

HEOC 199

Independent Study in Health Occupations

1 - 3 units; 3 - 9 hours lab

For the health occupations student who wishes to develop specialized skill in an area related to the profession; review selected course content in a special area; meet a licensing requirement; or meet an employment or related program need.

CSU

HEOC 200

Forensic Psychology (cross-listed as PSYC 200)

3 units; 3 hours lecture

Course covers major areas of mental health services within the practice of psychiatric care of people confined under criminal and civil commitment in California. It surveys statutory and case law related to mental health services in California courts, jails, prisons, mental hospitals, and community placements. The focus will be on D.S.M. - IV diagnoses frequently associated with criminality, with attention to assessment, intervention, treatment principles and

practices, and preparation for trial. CSU

HEOC 298

Selected Topics in Health Occupations

1 - 18 units; 1 - 14 hours lecture

Health occupation topics not covered by regular catalog offerings. Course content and unit credit to be determined in relation to community/student needs and/or available staff. May be offered as a seminar, lecture, or lecture/lab class.

CSU

HEOC 360

Emergency Medical Technician 4 units; 3 hours lecture, 2 hours lab

Course prepares individuals to render basic life support at the scene of an emergency and during transport of the sick and injured or during interfacility transfer within an organized EMS system.

Prerequisite: CPR for the Health Care Provider (Professinal Rescuer ONLY). Recommended Preparation: Basic First Aid and HEOC 100

HEOC 364

Emergency Medical Technician Refresher

1.5 units; 2 - 32 hours lab; 1 - 6 weeks

Course prepares individuals to render basic life support at the scene of an emergency and during transport of the sick and injured or during iterfacility transfer within an organized EMS system. Refresher course to meet EMT-1 requirements of the State of California. Repeatable every 2 years for certification.

Prerequisite: HEOC 360

HEOC 370

Therapeutic Massage

2 units; 1 hour lecture, 2 hours lab

Holisitc approach to provide an experimental basis for understanding the use and practice of therapeutic massage in the home, hospital or other clinical setting. Each class includes exercises, creative visualization, basic anatomy and massage practice as well as lecture.

HEOC 372

Intravenous Therapy

2 units; 2 hours lecture, 1 hour lab

Course designed to prepare students to amdminister intravenous fluids using the basic concepts and techniques of venipuncture, intravenous fluid and drug administration.

Prerequisite: NURS 233, NURS 249

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Health Occupations History

HEOC 376

Skills Assessment

0.5 - 1 units; 3 - 6 hours lab

This assessment course is for the student who: possesses Health O ccupations skills and has petitioned for advanced placement in one of the Health O ccupations programs, is currently enrolled in a Health O ccupations program and needs additional Nursing skills practice and assessment in the Nursing Lab. Repeatable once for credit.

Prerequisite: Appropriate education or experience to meet advanced placement criteria for the program the student desires to enter.

History

HIST 120

United States History 1

3 units; 3 hours lecture

CAN HIST 8; CAN HIST SEQ B w/ HIST 121

Basic survey of the political, economic, intellectual, social and cultural history of the United States from the colonial era to 1865. CSU, UC

HIST 121

United States History 2

3 units; 3 hours lecture

CAN HIST 10; CAN HIST SEQ B w/ HIST 120

A basic survey of the political, social, economic, intellectual and cultural history of the United States from the end of the Civil War (1865) to the present day.

CSU, UC

HIST 122

World Civilization 1

3 units; 3 hours lecture

CAN HIST 14; CAN HIST SEQ C w/ HIST 123

A global survey of world civilizations from the earliest human societies, through the transition to early civilizations, up to the 16th Century and the Renaissance. Emphasis will be placed on the social, political, economic, cultural and religious forces within the civilizations of Asia, Africa, Europe, and the Americas, the interaction among those civilizations, and their impact on the contemporary world. CSU, UC

HIST 123

World Civilization 2

3 units; 3 hours lecture

CAN HIST 16; CAN HIST SEQ C w/ HIST 122 A global survey of the world civilizations from the 15th century to the present. Emphasis will zations of Asia, Africa, Europe, and the Americas, the interaction among those civilizations, and their impact on an legacy to the contemporary world.
CSU, UC

be placed on the social, political, economic, cultural and religious forces within the civili-

HIST 135

Modern Asian History

3 units; 3 hours lecture

An introduction to Modern East Asian history with special attention to development of modern China and Japan.

CSU, UC

HIST 140

Modern Latin America

3 units; 3 hours lecture

A study of the political, economic, social and intellectual evolution of post-colonial, 19th-20th Century Latin America. Case studies of Mexico, Brazil, Cuba, and selected Andean and Central American countries will be used to present an historical perspective of the region as a whole.

CSU, UC

HIST 142

History of Mexico

3 units; 3 hours lecture

A survey of Mexico from pre-conquest to the present, with emphasis on political, cultural, economic, intellectual and social history. Topics covered include: indigenous population,

Spanish conquest, independence Tw(CS, CAN HI105 Tw29 0 I55 Tao6(Mexic1 Cf10esent

HIST 150

History of American Women 1600-1900

3 units; 3 hours lecture

An in-depth study of the experiences and contributions of women in the political and social development of the U.S from the pre-colonial period to the end of the 19th century. History, as experienced by the "common woman", will be traced using letters and diaries. This course will focus on the contributions of Native American, African American, Latina/ Chicana, and Asian American Women contrasted to Euro American.

CSU, UC

HIST 152

Women in Twentieth Century America

3 units; 3 hours lecture

The political, economic and cultural experiences of women of the United States from the late 19th to the 20th centuries. Includes oral histories of living citizens. Commanlities and differences of women (Native American, African American, Latina/ Chicana, Asian American and Euro American backgrounds) will be contrasted and compared.

CSU, UC

HIST 199

Independent Study in History

1 - 3 units; 3 - 9 hours lab

An independent study course for students interested in specialized reading or research, or in completing a project that deals with an acceptable topic in history.

CSU, UC

HIST 298

Selected Topics in History

1 - 3 units; 9 hours lab

Topics in history not covered by regular catalog offerings. Content and unit credit to be determined in relation to community/ student nees and/or available staff. May be offered as a seminar, lecture, or lecture/lab class. CSU, UC

Humanities

HUMA 188

The American Mind 1 33TMs 13 hotudsdeticee

Critical analysis is the major ve ofa3e(.f4ei0can Min1f Tf10 0 0 10 180 135.36 Tm0.0056 T8-t0ats) Tife

HUMA 174

Diversity In American Drama (cross-listed as DRAM 115)

3 units; 3 hours lecture

This course explores the contributions to contemporary American drama of African Americans, Asian Americans, Native Americans, Chicano/Latinos and other cultural ethnic or sub-cultural groups. A significant portion of the course of study is devoted to the perspectives and contributions of women. CSU, UC

HUMA 175

Survey And Appreciation Of Music (cross-listed as MUSI 112)

3 units; 3 hours lecture

CAN MUSI 8

This course covers and provides the foundations, vocabulary and skills necessary for actively listening to and appraising music performances; with particular emphasis given to musical styles and music history. Also covered in the course are the origins of musical language in Western art music with explorations into musical practices, composers and repertoire of the Middle Ages, Renaissance, Baroque, Classical, Romantic, 20th Century and Contemporary styles. Recommended for all music majors. Attendance at assigned concerts required.

CSU, UC

HUMA 180

Survey & History of Jazz (cross-listed as MUSI 114)

3 units; 3 hours lecture

A history of jazz that offers the student an analysis and interpretation of jazz, both historical and musical. Incorporates research from the fields or sociology, cultural anthropology, and American history-as well as from music history.

CSU, UC

HUMA 185

Survey and Appreciation of Film (cross-listed as DRAM 203)

3 units; 3 hours lecture

This is an introductory course to enhance the student's appreciation of film as an entertainment/information source, a technological development and an art form. This course utilizes the disciplines of history, film analysis, (how films are made), film criticism and critical thinking techniques to achieve the course objectives.

CSU, UC

HUMA 186

Exploring Cultural And Gender in Films

3 units; 3 hours lecture

Introductory, survey course providing a comparative analysis of the perspectives and contributions of African Americans, Chicano/Latin Americans, Asian Americans, Native Americans and other cultural groups including Euro-Americans, Jewish Americans and Arab Americans to contemporary American life through the study of film. Issues concerning gender, sexual orientation, age, physical and mental challenges are crossculturally explored. Women's persepectives and contributions occupy a significant part of the content.

CSU, UC

HUMA 188

Mass Communications in American Culture

3 units: 3 hours lecture

Critical survey of the role played by mass communication in shaping American culture through an examination of the history, social, economic, political and aesthetic factors of books, magazines, newspapers, recordings, movies, radio, television, the web, news, and advertising.

CSU, UC

HUMA 189

Film Genres

3 units; 3 hours lecture

Offers an in-depth analysis of a particular film genre (i.e. the Film Noir, the Musical, the Romantic Comedy, the Western, etc.): through history, methods of production, film style, evolution of aesthetics and conventions, noted actors and directors, and sociological implications. Repeatable three times for credit. CSU, UC

HUMA 199

Independent Study In Humanities

1 - 3 units; 9 hours lab

Independent study for students interested in specialized reading, research and/or special projects in humanities.

CSU, UC

HUMA 298

Selected Topics in Humanities

1 - 3 units; 3 - 9 hours lab

Topics in Humanities not covered by regular catalog offerings. Content and unit credit to be determined in relation to Community Student needs and/or available staff. May be offered as a seminar, lecture, or lecture/lab class. **CSU**

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History Humanities

Italian - Academic

This series of classes fulfills the university requirements for language training.

ITAL 120

First Semester Italian

5 units; 5 hours lecture

CAN ITAL 2; CAN ITAL SEQ A w/ ITAL 121

Beginning course in Italian with emphasis on listening, understanding, speaking, and writing. Basic structures of the language are covered. Italian is used exclusively. Reading of simple cultural material.

vocabulary, syntax and culture, with special emphasis placed on the study of English derivatives in order to enhance the grasp of English words.
CSU, UC

LATI 121

Second Semester Latin 5 units; 5 hours lecture

Further development of skills, grammer, syntax, and vocabulary.

Prerequisites: LATI 120

CSU, UC

Machine Tool Technology

MACH 100

Machine Shop Practice

3 units; 2 hours lecture, 3 hours lab

A basic course in machine tool technology that satisfies the degree requirement for welding, drafting, and electronics programs. This course develops skills in the use of precision measuring instruments and the operation of the lathe, drill press, vertical milling machine, horizontal milling machine and surface grinder. CSU

MACH 110

Machine Technology 1

7 units; 3 hours lecture, 12 hours lab

A beginning course in the machine tool technology degree program. This course develops skills in the use of precision measuring instruments and the operation of the lathe, drill press, vertical milling machine, horizontal milling machine and surface grinder.

CSU

MACH 111

Machine Technology 2

7 units; 3 hours lecture, 12 hours lab

An intermediate course in the machine tool technology degree program. Emphasis is placed on accuracy and efficiency of producing machined parts on conventional machine tools. Advanced lathe operations including various thread forms are a focus of the course. *Prerequisite: MACH 110*

CSU

MACH 120

Machine Tool Fundamentals

4 units; 3 hours lecture, 3 hours lab

An introductory course in the fundamentals of machining processes designed for the working student. The course is designed for machinists or engineers who need the depth of

study in this area but do not have the time that is required of regular students in the discipline. This course is part of the regular degree or certificate program.

CSU

MACH 121

Machine Tools Fundamentals Lab

3 units; 9 hours lab

This course is the companion lab course for MACH 120. An introductory course in the fundamentals of machining processes designed for the working student. The course is designed for machinists or engineers who need the depth of study in this area but do not have the time to take MACH 110. This course and MACH 120 are the equivalent to MACH 110 leading degree or certificate in Machine Tool Technology.

Prerequisite: MACH 120

CSU

MACH 130

Machine Technology 1A

4 units; 3.5 hours lecture, 4 hours lab

A beginning course in the machine tool technology degree program. This course develops skills in the use of precision measuring instruments and the operation of the lathe, drill press, vertical milling machine, horizontal milling machine and surface grinder. This is the first of a two course sequence which covers the same material as MACH 110 (Machine Technology 1). CSU

MACH 131

Machine Technology 1B

3 units; 3 hours lecture, 4.5 hours lab

A beginning course in the machine tool technology degree program. This course develops skills in the use of precision measuring instruments and the operation of the lathe, drill press, vertical milling machine, horizontal milling machine and surface grinder. This is the second of a two course sequence which covers the same material as MACH 110 (Machine Technology 1).

Prerequisite: MACH 130

CSU

MACH 132

Machine Technology 2A

3.5 units; 1.5 hours lecture, 6 hours lab

This is the first course in a two course sequence covering the same material as MACH 111 (Machine Technology 2). Emphasis is placed on accuracy and efficiency of producing machined parts on conventional machine tools.

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Italian
Jouralism
Latin
Maching Tool
Technology

Advanced lathe operations including various thread forms are a focus of the course.

Prerequisite: MACH 131

CSU

MACH 133

Machine Technology 2B 3.5 units; 1.5 hours lecture, 6 hours lab

A second in a pair of courses offered as an equal to third semester course MACH 111. Emphasis is placed on accuracy and efficiency of producing machined parts on conventional machine tools. Advanced lathe operations including various thread forms are a focus of the course.

Prerequisite: MACH 132

CSU

MACH 199

Independent Study/Machine

1 - 3 units; 9 hours lab

An opportunity for students to experiment, study, or develop new ideas. Material not offerd in regular courses.

CSU

MACH 210

Machine Technology 3

7 units; 3 hours lecture, 12 hours lab

An advanced course in the machine tool technology degree program. This course emphasizes advanced skills in the operation of horizontal and vertical milling machines. Advanced milling operations include gear cutting, gear calculations, and the use of rotary tables, index heads and dividing heads. This course is an introduction to CNC (computer numerical controlled) machines.

Prerequisite: Machine Technology 2

CSU

MACH 211

Machine Technology 4

7 units; 3 hours lecture, 12 hours lab

An advanced course in the machine tool technology degree program. This course emphasizes advanced skills in the operation and programming of CNC (computer numerical controlled) machines, utilizing skills developed in Machine Technology 1, 2, and 3.

Prerequisites: MACH 210 and MATH 107 or equivalent

CSU

MACH 230

Machine Technology 3A

3.5 units; 1.5 hours lecture, 6 hours lab

The first of a pair of courses which are offered as an equivalent to the third semester course,

Machine Technology 210. This course emphasizes advanced skills in operation of the horizontal and vertical milling machines. Advanced milling operations include gear cutting, gear calculations, and the use of rotary tables, index head and dividing heads.

Prerequisite: MACH 133

CSU

MACH 231

Machine Technology 3B

3.5 units; 1.5 hours lecture, 6 hours lab

The second of a pair of courses offered as an equivalent to the third semester course, Machine Technology 210. This course emphasizes advanced skills in the operation of the horizontal and vertical milling machines. Advanced milling operations include gear cutting, gear calculations, and the use of rotary tables, index heads and dividing heads.

Prerequisite: MACH 230

CSU

MACH 232

Machine Technology 4A

3.5 units; 1.5 hours lecture, 6 hours lab

This is the first in a pair of courses in the machine tool technology degree program offered as an equivalent for Machine Technology 4. This course emphasizes advanced skills in the operation and programming of CNC (computer numerical controlled) machines, utilizing skills developed in previous Machine Technology courses.

Prerequisite: MACH 231 and MATH 107 or

equivalent CSU

MACH 233

Machine Technology 4B

3.5 units; 1.5 hours lecture, 6 hours lab

This is the second in a pair of courses in the machine tool technology degree program offered as an equivalent for Machine Technology 4. This course emphasizes advanced skills in the operation and programming of CNC (computer numerical controlled) machines, utilizing skills developed in previous Machine Technology courses.

Prerequisites: MACH 232

CSU

MACH 250

CNC Programming & Operation 1

3 units; 2.5 hours lecture, 2.5 hours lab

A course in Machine tool technology covering the basic fundamentals of CNC (computer numerical control) operation and programming. This course prepares students who are

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Maching Tool Technology Mathematics

currently working as conventional machinists for entry level positions as CNC machinists. Recommended Preparation: MACH 100, MACH 110, equivalent or current employment as a machinist CSU

Mathematics

MATH 10 Basic Mathematics

1 - 3 units; 0.5 - 1.5 lecture, 1.5 - 4.5 hours lab Designed for the student for whom traditional mathematics instruction has not been successful. Individualized, self-paced instruction in whole numbers, fractions, decimals, ratio and proportion, percents, measurements, pre-algebra and pre-geometry. Not open to students who have received a CR or a grade of C or better in other mathematics courses without assessment by instructor. Variable unit; credit/ no credit grading; open entry/ open exit. Repeatable for credit until 6 modules are completed or until taken 4 times.

Recommended Preparation: CISA 100

MATH 55 Pre Algebra 3 units; 3 hours lecture

A course which provides students with the prerequisite skills necessary for success in Beginning Algebra (MATH 90). Students will solve practical problems from daily life, learn how to use their calculator, and prepare for a transition to algebra.

MATH 80 Math Success Strategies 2 units; 2 hours lecture

This class will help students obtain the skills and knowledge necessary to succeed in their math courses. Students will learn study skills specific to mathematics courses, they will develop a comfort with word problems and a strategy for approaching them, they will explore how learning styles and personality characteristics relate to their mathematics courses,

technology that they will need in advanced math and statistics courses. This course is the first half of the beginning algebra material which covers an introduction to algebraic expressions, order of operations, exponential notation, solving linear equations, inequalities, graphing and applications involving these concepts.

Prerequisite: MATH 55

MATH 97

Beginning Algebra, Part B

3 units; 3 hours lecture

MATH 96 and 97 is equivalent to MATH 90. It is taught over one year, at a slower pace than the full beginning algebra, MATH 90, and introduces students to graphing calculator technology that they will need in advanced math and statistics courses. This course is the second half of the beginning algebra material which covers polynomials, factoring, rational expressions and applications such as Pythagorean Theorem and proportion.

Prerequisite: MATH 96

MATH 106

Pre-Calculus: Elementary Functions

5 units; 5 hours lecture

Course provides part of a strong foundation leading to Trigonometry and Calculus I. From numerical, graphing, and analytical views, the course studies polynomial, rational, exponential, and logarithmic functions. Series and conic sections also included. Graphing calculator is required.

Prerequisite: MATH 94, or equivalent CSU, UC

MATH 107

Technical Mathematics II

3 units; 3 hours lecture

The second of a two-semester course involving the study of practical mathematics as applied to technical and trade work. It is particularly useful for those anticipating a career in an industrial environment.

Prerequisite: MATH 92

CSU

MATH 108

Trigonometry

3 units; 3 hours lecture

CAN MATH 8

A study of the trigonometric functions, their graphs, identities, inverse trig functions, and the laws of sines and cosines. Graphing calculator is required.

Prerequisite: MATH 106, or equivalent

CSU

MATH 115

Applied Calculus

5 units; 5 hours lecture CAN MATH 30

One semester calculus with applications in business, life sciences and social sciences. Topics include modeling, applications of derivatives and integrals, Fundamental Theorem of Calculus, calculus of exponential and logarithmic functions, functions of several variables, differential equations, and numerical methods. Graphing calculator is required.

Prerequisite: MATH 106

CSU, UC

MATH 120 Calculus 1

5 units; 5 hours lecture

CAN MATH 18; CAN MATH SEQ B w/ MATH 121; CAN MATH SEQ C w/ MATH 121 & 221

The first semester course of a five-course sequence of differential and integral calculus. Limits, derivatives, integrals, and the Fundamental Theorem. Applications involving rates of change, max/min, areas, transcendental functions and vectors in the plane. Primarily for majors of mathematics, engineering, and sciences. Graphing calculator is required.

Prerequisite: MATH 108

CSU, UC

MATH 121 Calculus 2

5 units; 5 hours lecture

CAN MATH 20; CAN MATH SEQ B w/ MATH 120; CAN MATH SEQ C w/ MATH 120 & 221

The second course in the five-course calculus sequence. Vector functions in space, applications of integrals, techniques of integration, and series. Primarily for majors of mathematics, engineering, and sciences. Graphing calculator is required.

Prerequisite: MATH 120

CSU, UC

MATH 199

Independent Study in Mathematics

1 - 5 units; 3 - 15 hours lecture

Independent study for students interested in specialized reading, research, or project on an acceptable topic in the area of mathematics at a lower division level. Repeatable for credit three times.

CSU, UC

MATH 220

Calculus 3: Linear Algebra

3 units; 3 hours lecture CAN MATH 26

An introductory course of linear algebra and matrix algebra. It provides students with use-

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Mathematics Music

ful tools for MATH 221 (Calculus 4) and MATH 222 (Calculus 5: Differential Equations). Problem solving applications in linear systems, vector spaces, change of bases, and eignevectors. Traditional manual techniques and technological methods. Should be taken concurrently with MATH 221 (Calculus 4). Graphing calculator is required.

Prerequisite: MATH 121 or equivalent

CSU, UC

MATH 221 Calculus 4

3 units; 3 hours lecture

CAN MATH 22; CAN MATH SEQ C w/ MATH

120 & 121

The fourth course in the five-course calculus sequence. May be taken concurrently in the fall semester with MATH 220 Linear Algebra. Partial derivatives; applications of double and triple integrals; applications of path and surface integrals; theorems of Green, Stokes, and Gauss. Primarily for majors of mathematics, engineering, and science. Graphing calculator is required.

Prerequisite: MATH 121

CSU, UC

MATH 222

Calculus 5: Differential Equations

3 units; 3 hours lecture

CAN MATH 24

The final course of the five course calculus sequence. Solutions of elementary DE by numerical approaches, graphical methods, computer algebra systems, series, and applications. Systems solutions with matrices and eigenvectors. Primarily for majors of mathematics, engineering and science. Graphing calculator is required.

Prerequisite: MATH 221

CSU, UC

MATH 232 Statistics

3 units: 3 hours lecture

CAN STAT 2

An introduction to important statistical concepts for liberal arts, business, and science majors. Significant topics include binomial, normal and distributions. Other topics include estimation via confidence intervals; hypothesis testing, correlation, linear regression, and Chi-square.

Prerequisite: MATH 94 or equivalent

CSU, UC

MATH 235

Finite Mathematics

3 units; 3 hours lecture

CAN MATH 12

Applied problems using models from linear algebra and probability. Applications in business, life sciences, and social sciences. Recommended for majors in business and some majors in mathematics and computer sciences. Graphing calculator is required.

Prerequisite: MATH 94 or equivalent

CSU, UC

MATH 298

Selected Topics in Mathematics

1 - 3 units; 1 - 3 hours lecture, 3 - 9 hours lab

Topics in mathematics not covered by current catalog offerings. Course content and unit credit to be determined in relation to community/student needs and available staff. May be offered as a seminar, lecture, or lecture/ lab class.

Prerequisite: Varies with topic selected

CSU, UC

Music

MUSI 110

Fundamentals of Music

3 units; 3 hours lecture

Basic principles of music and musicianship for students with little or no theoretical background. Also appropriate for those intending to be music majors but lack basic skills in music reading and writing. Topics included are basic music terminology, pitch and rhythmic notation. CSU, UC

MUSI 112

Survey and Appreciation of Music (cross-listed as HUMA 175)

3 units: 3 hours lecture

CAN MUSI 8

This course covers and provides the foundations, vocabulary and skills necessary for actively listening to and appraising music performances; with particular emphasis given to musical styles and music history. Also covered in the course are the origins of musical language in Western art music with explorations into musical practices, composers and repertoire of the Middle Ages, Renaissance, Baroque, Classical, Romantic, 20th Century and Contemporary styles. Recommended for all music majors. Attendance at assigned concerts required.

CSU, UC

169

Mathematics Music

MUSI 114

Survey And History of Jazz (cross-listed as HUMA 180)

3 units; 3 hours lecture

A history of jazz that offers the student an analysis and interpretation of jazz, both historical and musical. Incorporates research from the fields of sociology, cultural anthropology, and American history, as well as from music history.

CSU, UC

MUSI 120

Music Reading and Sight Singing

2 units; 2 hours lecture

This course provides the basics of reading music: rhythmic notation, and the basic concept of intervals, scales and how they create a melody. In addition, it helps the student look at a piece of music and know how to sing the notes by sight. Second semester focuses on sight singing skills and simple dictation. Repeatable once for credit.

CSU, UC

MUSI 121

Music Theory 1

3 units; 3 hours lecture

CAN MUSI SEQ A w/ MUSI 122

Basic theoretical concepts of music. For song writers, performers, education majors, and the general student. Required for music majors and minors.

Recommended Preparation: MUSI 110 - Fundamentals of Music

CSU, UC

MUSI 122

Music Theory 2

3 units; 3 hours lecture

CAN MUSI 4; CAN MUSI SEQ A w/ MUSI 121

Modulation, chromatic harmonies, agumented sixth chords. Neapolitan sixth chords, use of agumented chords, and other topics in beginning chromatic harmony.

Recommended Preparation: MUSI 121 - Music Theory

CSU, UC

MUSI 128

Audition Techniques

1 unit; 1 hour lecture, 2 hours lab

The basic selection of material to perform. Stage presence, poise, handling the staff at an audition, and creating a good first impression. Focus, concentration, energy level, control of anxiety and nervousness. For singers or any musical or theatrical performer.

CŚU

MUSI 130

Beginning Voice

2 units; 2 hours lecture

Basic concepts of singing: breath management, pitch, rhythm, and confidence in group performance during the first semester. Second semester focuses on expanding the range and repertoire, while enriching the tonal quality. For voice majors and minors, theatre majors and minors, education majors, and early childhood majors. Repeatable once for credit. CSU, UC

MUSI 132

Commercial Voice

2 units: 2 hours lecture

Solo vocal performance with emphasis on healthy principles of vocal production, and style using commercial vocal literature. Presented in a lecture/seminar environment. Second semester focuses on expanding music selection, staging and audience communication. Repeatable once for credit.

Recommended Preparation: MUSI 130 CSU

MUSI 134

Diction For Singers

3 units: 3 hours lecture

The study of diction for singing which uses the International Phonetic Alphabet (IPA) to develop skills in traditional and dialectic diction. Appropriate for students interested in improving their language skill for singing and especially useful for vocal music majors and minors. Repeatable once for credit. CSU, UC

MUSI 135

Beginning Piano 1

2 units; 2 hours lecture

This course is designed to teach basic piano skills to the music major with no piano experience and/or the non-music major. It includes the basics of music reading, keyboard knowledge, piano techniques and basic musicianship. Second semester continues with basic skills and increases sight-reading. Repeatable once for credit.

CSU, UC

MUSI 137

Introduction to Piano

1 unit; 1 hour lecture, 3 hours lab; 6 weeks

Plano for the non-music major as well as for the music major needing to complete lower division piano requirements. This course is specifically designed to be offered as a short term course. Repeatable once for credit. CSU

170

Music

MUSI 164

Ensemble Movement

0.5 unit; 2 hours lab

Ensemble Movement is designed to add essential synchronized movement and dance to choral performances. Group concerts are performed on campus and throughout the area, as well as on occasional outside trips. Repeatable for credit three times.

Limitation on Enrollment: Assignment to dance role subject to audition CSU, UC

MUSI 165

International Vocal Performance

1 - 3 units; 1 - 3 hours lecture, 2 - 6 hours lab Choral/vocal group rehearses and performs music from the traditional choral/vocal repertoire at international sites. Students also study and perform the music of various composers representing particular cultures, genres and musical periods, which vary with course offerings. Course is repeatable for credit three times. Limitation on Enrollment: By audition CSU, UC

MUSI 166

Women's Chorale

1 unit; 1 hour lecture, 3 hours lab

A choral group that rehearses and performs music from the traditional women's choral literature dating from medieval to contemporary musical periods. Concerts are performed on campus and throughout the area, as well as on occassional outside trips. Repeatable for credit three times.

Limitation on Enrollment: By audition CSU, UC

MUSI 170

Musical Repertory Performance

1 - 3 units; 3 - 9 hours lab

Designed for the performance of musicals to be presented before the campus and community with full technical support. Appropriate for all music and drama majors. Repeatable for credit three times.

Limitation on Enrollment: By audition CSU, UC

MUSI 172

Musical Revue Workshop

1 - 2 units; 6 - 13.5 hours lab; 8 weeks

Musical Revue Workshop is designed for the production of musical revues to be presented before the campus and community with full technical support. Repeatable for credit three times

Limitation on Enrollment: By audition CSU, UC

eatable for credit thr3mes.

MUSI 185

Stage Band

0.5 - 1 units; 1.5 - 3 hours lab

Rehearsal and performance of great stage band works of the past 50 years. Proficiency on a traditional stage band instrument required for participation. Repeatable for credit three times. *Limitation on Enrollment: By audition* CSU, UC

MUSI 196

Music and Movement in Early Childhood

(cross-listed as CFS 196)

3 units; 3 hours lecture

Introduction to teaching music and movement to young children. Basic elements such as beat, rhythm, timber, dynamics, form, and melody will be explored in developmentally appropriate and culturally sensitive ways. Songs, games, finger plays, rhymes, dances, and playing instruments will be presented. Repeatable twice for credit.

MUSI 199

Independent Study in Music

1 - 3 units; 3 - 9 hours lab

For students wishing to pursue special topics not included in the regular curriculum. Projects include performance skills (requiring a recital); theory or composition study (which requires a composition); and history/literature (which requires a research paper). Repeatable for credit three times.

CSU, UC

MUSI 201

Summer Orchestra

0.5 units; 1 hour lecture; 4 hours lab

Participation in an orchestra which performs works of ensemble literature from all musical periods. Summer concerts will require student usicians. Orchestra may be assigned to an opera production.

Limitationon Enrollment: By audition CSU, UC

MUSI 221

Music Theory 3
3 units; 3 hours lecture

Study and analysis of the classical period compositions, basic forms and styles. Analysis of a major composition of three or four movements, such as a Mozart piano sonata. Beginning work in instrumental writing.

Recommended Preparation: MUSI 122

CSU, UC

MUSI 222

Music Theory 4
3 units; 3 hours lecture

Analysis, composition, counterpoint introductions, and 19th and 20th century harmonic devices. A major composition is required. *Recommended Preparation: MUSI 221*

:STLTIC

CSU, UC

MUSI 228

Jazz Improvisation 1 3 units; 3 hours lecture

Analysis and performance of the art of jazz improvisation. Audio and videotapes provide examples, and exercises in jazz improvisation agument lectures. For the proficient college and community musician.

Prerequisite: MUSI 110 or equivalent and proficiency on musical instrument by audition

CSU, UC

MUSI 229

Jazz Improvisation 2

3 units; 3 hours lecture

Continuation of MUSI 228. Concentrates on advancing skills in the performance of jazz improvisation. Audio and video examples help provide in the analysis of jazz improvisation and augment the discussion of theory in lectures.

Prerequisite: MUSI 228 or equivalent

CSU, UC

MUSI 230

Intermediate Voice

2 units; 2 hours lecture

Solo vocal performance with emphasis on healthy principles of vocal production, and performance techniques, using traditional song literature including one foreign language selection. Presented in a lecture/seminar environment. Recital performance suggested for all students. Second semester focuses on expanding vocal range, tonal quality and difficulty of literature. Repeatable twice for credit. Recommended preparation: MUSI 130 CSU, UC

MUSI 232

Advanced Voice

2 units; 2 hours lecture

Solo vocal performance with emphasis on expanding the vocal range, tonal quality and flexibility of voice using advanced traditional song repertoire, including two foreign language selections. Presented in a lecture/seminar environment. Recital performance required for

173

Music

all students. Second semester focuses on ex-

manager of care.

This sequence is required by the California Board of Registered Nursing.

Prerequisite: Successful completion of NURS 141 with a "C" or better CSU

NURS 143

Nursing in Health Alterations II

5.5 units; 6 hours lecture, 15 hours lab; 9 weeks Focus is on the application of the nursing process in caring for patients with common alterations in health. The nurse functions in the roles of provider and manager of care in restoring and maintaining health.

Prerequisite: NURS 142 and PSYC 125 Students must pass ALL nursing and required courses with a "C" or better CSU

NURS 144

Mental Health Nursing in the Community

5.5 units; 6 hours lecture, 15 hours lab; 9 weeks Provides theory and practice required to care for adults and children who are experiencing alterations in mental health. The focus is on the application of therapeutic communication skills and mental health concepts.

Prerequisite: Completion of the program admission requirements as identified in the Napa Valley College Catalog and the ADN Program Information and Application packet as required and approved by the California Board of Registered Nursing and recommended and approved by the State Chancellor's office of the California Community Colleges (SCOCCC). Successful completion of NURS 142 – Nursing in Health Alterations I; PSYC 125 – Human Development Students must pass ALL nursing and required courses with a "C" or better.

NURS 245

CSU

Nursing Transition

1.5 - 2 units; 4.5 hours lecture, 6.5 - 13.5 hours lab: 4 weeks

Assists the Advanced-Placement LVNs in developing a core of nursing knowledge so the transition to the second year of the program can occur. Areas are program philosophy and curriculum framework, role expectations, nursing process and care planning, teaching-learning principles, technical skills and pharmacology. Variable Unit Course: 3 units for A.S. Degree in Nursing and 1.5 units for the 30-unit-option student based on individual

learning plan.

Completion of the program admission requirements as identified in the Napa Valley College Catalog and the ADN Program Information and Application packet as required and approved by the California Board of Registered Nursing and recommended and approved by the State Chancellor's office of the California Community colleges (SCOCCC)

Prerequisites: BIOL 218, 219, and 220; ENGL 120; PSYC 125; NURS 144; current valid California LVN License CSU

NURS 246

Nursing in Health Alterations III

6.5 units; 8 hours lecture, 15 hours lab; 9 weeks Focusis on the application of the nursing process in care for adults and children with complex alterations in health. The nurses role is expanded to include beginning team leadership for small groups.

Prerequistites: NURS 143 and 144; Advanced Placement students must have successfully completed NURS 144 and NURS 245
CSU

NURS 247

Maternal-Newborn Nursing

4 units; 6 hours lecture, 12 hours lab; 9 weeks Focus is on the use of the nursing process in caring for mothers, neonates and the childbearing family. Emphasis is placed on familycentered nursing care and patient teaching. Prerequisites: NURS 143 and NURS 144 CSU

NURS 248

Nursing in Community-Based Settings 1 unit; 2.3 hours lecture, 6 hours lab; 4 weeks Focus is on the application of the nursing process in community-based settings. Teaching, systematized lifelong learning and collaboration will be highlighted. Transfers to: CSU Prerequisites: NURS 144 AND NURS 143 or NURS 245 (for Advanced Placement LVN's only)

NURS 249

Nursing in Health Alterations IV

7 units; 6 hours lecture, 18 hours lab; 12 weeks Focus is on the application of the nursing process for patients with multiple complex health alterations. The student functions in the roles of manager and provider of care with minimal supervision.

Prerequisite: NURS 246 AND NURS 247 (LVN

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Music Nursing

and Advanced Placement students are not required to take NURS 247); AND NURS 248; Social and Behavioral Science Elective (Except PSYC 125); SPEE 124 CSU

NURS 250

Nursing Preceptorship

3 units; 3.6 hours lecture, 21.6 hours lab; 5

Provides a clinical environment for the student to integrate scientific principles and management skills. The student assumes increasing responsibilities under the direct supervison of a RN preceptor. This course allows the student to develop beginning levels of competence for the graduate nurse role.

Prerequisite: NURS 249

CSU

Nursing - Vocational

NURS 131

Vocational Nursing 1

13 units; 7 hours lecture, 18 hours lab

The first course in a series of three semesters designed to prepare the student for eligibility

for licensure as a VProvit80 -1 (torship)Tj/s leDsJTJI*0.0002 Tc-0.rect supervisonProvit80 Tw(dent to d3.rect s9 th P91ibilityTc-0.rect s 1.10 VProvvit,1/TTwFluidhe sta0 the stGe-1.tolvit804ursPSYC enty0.0nic-0.00121 Prow(0) Healula-0.00121t to i; 7 hour49/TasculaCcs740nALL.0725 Tw (deuate nurse role.)Tj/b

Introduction to Philosophy 2

3 units; 3 hours lecture CAN PHIL 2

Introduces students to the ideas of major Western philosophers from the early 19th Century to the present and develops the student's critical thinking and problem-solving skills. CSU, UC

PHIL 125

Introduction to Ethics

3 units; 3 hours lecture

CAN PHIL 4

A survey of major ethical theories in Western thought with reference to questions of right, good and duty, combined with application of these theories to situations in our personal lives. CSU, UC

PHIL 126

Contemporary American Ethics

3 units; 3 hours lecture

The critical examination of personal beliefs related to contemporary American moral issues such as abortion, drugs, capital punishment, euthanasia, privacy, etc. Attention is given to weighing issues, making judgements and understanding diverse positions on any moral issue.

CSU, UC

PHIL 130

Introduction to Logic

3 units; 3 hours lecture

CAN PHIL 6

A study of common logical fallacies in everyday use, deductive and inductive arguments, and the logical uses of language. Emphasis will be upon the development of clear and critical thinking.

CSU, UC

PHIL 133

World Philosophy

3 units: 3 hours lecture

Introduces students to the major themes in philosophy such as metaphysics, epistemology ethics, determinism and freedom, and ontology. Major philosophers from every continent of the globe will be presented on each issue. The course develops the students' critical-thinking and problem-solving skills. CSU, UC

PHIL 134

Philosophy of Religion 3 units; 3 hours lecture

Introduces the student to the major themes

Advanced Photography

PHOT 250 Portrait Photography

3 units; 2 hours lecture, 4 hours lab A course designed to familiarize students with fundamentals of portrait photography. Topics include commonly used films and materials, available and location lighting, studio lighting, individual and group portraitures, fashion photography. Student must provide 35mm camera. Training on professional medium for-

PHYE 129 Spinning

0.5 - 1.5 units; 1 - 3 hours lab

This course is designed to provide students with a cardiovascular and muscle conditioning workout through a continuous movement on a bicycle (stationary). Each workout begins with a warm-up, then an increasing level of workload and finishes with a cool-down. This course provides a workout suitable for all levels of fitness. Repeatable for credit three times.

CSU, UC

PHYE 130

Yoga

1.5 units; 3 hours lab

This class is an introduction to Hatha Yoga. Students will be taught the theory, history and philosophy of yoga. Primarily, the students will participate in the practice of yoga postures, while integrating breath work and concentration. The physiological and emotional benefits will be discussed. Repeatable for credit three times.

CSU, UC

PHYE 131

Cardio Kickboxing

0.5 - 1.5 units; 1 - 3 hours lab

This course is designed to provide students with a cardiovascular and muscle conditioning workout through continuous movements such as kicks, punches, jumping rope and calisthenic exercises. Each workout, which begins with a warm-up and finishes with a final stretch, emphasizes proper execution of movements and body alignment. This course is a non-contact workout appropriate for all levels of fitness. Repeatable for credit three times.

CSU, UC

PHYE 132

Aerobic Dance

1.5 units; 3 hours lab

Emphasis on improving cardiovascular endurance utilizing basic dance sequences pre-

CSU, UC

PH6E132

1.5; 2ts; 3 hours lab

Emphasis on rhythmic movements, free expression and improvisation. Text required. Intermediate: Further improvement of modern dance techniques. Emphasis on elemental concepts (space, time, force), improvisation and compositional study. Text required.

CSU, UC

PHYE 140

Dance Production

1 unit; 2 hours lab

Introduction to dance production. Costuming, makeup, publicity, performing or assisting in stage managing. Text required. Repeatable for credit three times to improve proficiency. Open entry/open exit.

Prerequisite: Enrollment permitted only if student has been accepted to perform or assist in a dance production.

CSU, UC

PHYE 142

Dance Composition

2 units; 2 hours lecture

Introduction to choreographic skills. Elements of dance from a choreographic perspective. Space, time, rhythm, form, phrasing, style and content. Students required to present studies of critique. Repeatable for credit three times. CSU, UC

PHYE 145

Fitness Assessment Laboratory

1 unit; 2 hours lab

Assessment and interpretation of individual fitness and health levels. The assessment series measures body composition, muscular strength, cardiorespiratory endurance and flexibility. Students repeating this course will be able to track their personal fitness level. May be repeated three times for credit.

CSU, UC

PHYE 146

Fitness Flexibility

1.5 units; 1 hour lecture, 2 hours lab

Designed to increase elasticity and resiliency in all major muscle groups and improve awareness of overall health and nutrition. Students achieve greater overall flexibility, improve body alignment and strengthen and tone the muscles. May be repeated for credit three times. CSU, UC

PHYE 147

Swim for Fitness

0.5 - 1.5 units; 1 hour lecture, 2 hours lab

Improvement of basic aquatic skills (crawl stroke, back stroke, breast stroke). Increases

endurance and improves knowledge of the major components of a workout. Text required. Repeatable for credit three times to improve proficiency. CSU, UC

PHYE 148

Walking for Fitness

1.5 units; 1 hour lecture, 2 hours lab

Instruction focused on improving cardiovascular endurance through a safe and effective exercise program of walking. Repeatable for credit three times to improve proficiency. CSU, UC

PHYE 149

Physical Fitness

1.5 units; 1 hour lecture, 2 hours lab

Fundamental concepts of physical fitness. An individualized program established with each student. Aerobics, strength, flexibility, posture, nutrition and relaxation. Text required. Repeatable for credit three times.

CSU, UC

PHYE 151

Weight Training

1.5 units; 1 hour lecture, 2 hours lab

Fundamentals of weight training. Introduction of weight training apparatus, equipment, and safety. Text required. Repeatable for credit three times to improve proficiency.

CSU, UC

PHYE 153

Body Awareness for Women

1 unit; 2 hours lab

Development of an awareness of the physical self. Basic techniques in movement, relaxation and exercise are examined. Designed for the reentering woman. Text required. Repeatable for credit three times to improve proficiency. CSU, UC

PHYE 156

Archery

1 unit; 2 hours lab

Fundamentals of archery. Repeatable for credit three times to improve proficiency. Beginning: Basic instruction in the history, selection, and proper care of equipment; safety; fundamentals and etiquette. Text required. Intermediate: Refinement of skills attained at the beginning level. Holding and drawing anchor points, aiming, release and follow-through with target shooting to 30 yards. Introduction of the use of commercial bow sight. Text required. Advanced: Review of safety, etiquette, and fun-

PHYE 205

Water Safety Instructor

3 units; 2 hours lecture, 2 hours lab

Prepares students to instruct these water safety courses: 1) infant and preschool aquatic programs; 2) K-6 water education, beginning through advanced swimmer level; 3) basic water safety, emergency water safety, and safety training for swim coaches.

Prerequisite: Student must have a current Red Cros Advanced Lifesaving Certificate and a Red Cross Swimmer Certificate. CSU, UC

PHYE 255

Foundations Of Physical Fitness

2 units; 2 hours lecture, 1 hour lab

Planning and instituting a personalized physical fitness program. Lectures define the basic components of physical fitness. Exercises done in the lab. Personal fitness assessment, aerobic exercises, muscular fitness, flexibility, postural analysis, diet, weight control, stress and relaxation. Text required.

CSU, UC

PHYE 271

Sports Medicine Practicum

2 units; 1 hour lecture, 3 hours lab

An introduction to the sports medicine field with practical experience in the practice of athletic training, physical therapy, massage therapy, and personal training. Repeatable 3 times for credit.

CSU, UC

PHYE 272

Sports Medicine Training Lab

1 unit; 3 hours lab

Designed to provide students with experience, through internship hours, applicable to the National Athletic Training Association certification in the area of the sports medicine field; specifically athletic training. Also gives others interested in physical therapy, massage therapy and personal fitness training hands-on experience. Repeatable for credit three times. CSU, UC

PHYE 285

Men's Basketball Team

1 - 2 units; 5 - 10 hours lab

A course designed for the competitive basketball player who will represent Napa Valley College in intercollegiate play. Repeatable for credit three times.

CSU, UC

PHYE 286

Women's Basketball Team

1 - 2 units; 5 - 10 hours lab

A course designed for the competitive basketball player who will represent Napa Valley College in intercollegiate play. Repeatable for credit three times.

CSU, UC

PHYE 287

Men's Baseball Team

1 - 2 units; 5 - 10 hours lab

A course designed for the competitive baseball player who will represent Napa Valley College in intercollegiate baseball games. Repeatable for credit three times.

CSU, UC

PHYE 290

Men's Golf Team

1 - 2 units; 5 - 10 hours lab

A course designed for the competitive golfer who will represent Napa Valley College in intercollegiate play. Repeatable for credit three times.

CSU, UC

PHYE 291

Soccer Team

1 - 2 units; 5 - 10 hours lab

A course designed for the competitive soccer player who will represent Napa Valley College in intercollegiate play. Repeatable for credit three times.

CSU, UC

PHYE 292

Women's Softball Team

1 - 2 units; 5 - 10 hours lab

A course designed for the competitive softball player who will represent Napa Valley College in intercollegiate play. Repeatable for credit three times.

CSU, UC

PHYE 293

Competitive Swim and Dive Team - Men

1 - 2 units; 5 - 10 hours lab

A course designed for the competitive swimmer or diver who will represent Napa Valley College in intercollegiate swim meets. Repeatable for credit three times.

CSU, UC

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Physical Education

PHYS 140

Physics for Scientists and Engineers 1 4 units; 3 hours lecture/discussion, 3 hours lab CAN PHYS 8; CAN PHYS SEQ B w/ PHYS 240 and 241

Mechanics.

Prerequisite: MATH 120 Corequisite: MATH 121

CSU, UC

PHYS 199

Independent Study in Physics

1 - 3 units; 9 hours lab

For the physics students who wish to pursue topics not included in the regular curriculum. Possible projects include a research paper, a computer project, sophisticated problem-solving, or innovative experiments in areas such as holography, lasers, or superconductivity. Credit/No Credit grading. CSU

PHYS 240

Physics For Scientists and Engineers 2 4 units; 3 hours lecture, 4 hours lab CAN PHYS SEQ B w/ PHYS 140 and 241 Heat, electricity, and magnetism.

Prerequisite: PHYS 140 and MATH 121 CSU, UC

PHYS 241

Physics for Scientists and Engineers 3 4 units; 3 hours lecture, 4 hours lab CAN PHYS SEQ B w/ PHYS 140 and 240 Wave Motion, Electromagnetic Waves, Optics. R10 0NuclTJ9 0 0 9 4 TD-0.0002

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PSYC 125

Human Development

3 units: 3 hours lecture

Human development from conception through infancy, childhood, adolescence, maturity, late adulthood, old age and death. Physical, cognitive, social, emotional and personality development. Developmental theories.

Recommended Preparation: PSYC 120

CSU, UC

PSYC 126

Abnormal Psychology

3 units; 3 hours lecture

An introduction to the concepts of abnormal and maladaptive behavior. Models of diagnosis, classification and treatment are discussed in depth. A discussion of major psychological disorders and study of the different perspectives on their causation, development and treatment.

Prerequisite: PSYC 120

CSU, UC

PSYC 128

Cross-Cultural Psychology

3 units; 3 hours lecture

A course that studies basic and complex psychosocial processes relating them to the cultural experiences of three immigrant groups: European, Asian and Latino, living in the European oriented culture of the US. The role of women is highlighted in the course, and a special section on old age compares the ways different cultures deal with their elders. In addition to technical material students will read contemporary fiction addressing topics of identity, love, discrimination and acculturation. CSU, UC

PSYC 130

Assertive Communication Skills

3 units; 3 hours lecture

This course is designed to give the student the necessary tools for effective communication in a varitey of situations. The topics to be introduced are establishing clear, personal limits; receiving and expressing anger appropriately; creating congruent verbal and non-verbal messages; listening to understand; seeking solutions to conflict situations in a win/win manner; and learning to see from another's perspective. Assertive, passive, and agressive behaviors will be examined. Discussion, small group exercises, and role playing will be utilized.

CSU

PSYC 135

Introduction To Human Sexuality (cross-listed as SOCI 135)

3 units; 3 hours lecture

Survey of human sexuality including social, physical and emotional aspects of sexual behavior and relationships.

CSU, UC

PSYC 158

Co-dependency Issues

3 units; 3 hours lecture

A lecture/ discussion class focusing on co-dependency: the disease concept; co-dependency characteristics; the recovery process. Lecture, reading, group discussion, and journal writing.

CŠU

PSYC 175

Theories of Personality

3 units; 3 hours lecture

The study of personality examines the sources of our similarities and our differences. This course will cover several major perspectives on personality including psychodynamic, behavioral, phenomenological, social-cognitive, and biological/evolutionary theories. An emphasis will be placed on integrating these theories and relating them to everyday life.

CSU

PSYC 184

Teaching to Diversity (cross-listed as CFS 184)

3 units; 3 hours lecture

This course explores issues of diversity in the classroom. Teachers are challenged to alter teaching patterns and classroom environments to support the ethnic, racial, linguistic, and family diversity of children.

CSU

PSYC 185

Introduction to Child Growth and Development

(cros-listed as CFS 120)

3 units; 3 hours lecture

CAN FCS 14

The physical, cognitive and social-emotional development of children from pre-conception through adolescence will be covered. Typical development and atypical development are considered, and roles of the family and society are explored.

CSU, UC

192

Psychology Respiratory Therapy

PSYC 186

The Child, Family and Community (cross-listed as CFS 140)

3 units; 3 hours lecture

This course is a multicultural examination of the effects of family and community on a child's development. Topics include the interactions among children, family, school, peers, media, and community, with an emphasis on ethnic diversity, social class, gender roles, and their impact on family behavior, values, morals, and attitudes.

CSU, UC

PSYC 187 Parenting

(cross-listed as CFS 160)

3 units; 3 hours lecture

This course explores a wide range of parenting theories and techniques, utilizing a theoretical foundation with a practical approach. There is particular emphasis on building self-esteem, verbal and non-verbal communication, power, and control. CSU

PSYC 190

Special Projects in Psychology

1 - 3 units; 3 - 9 hours lab

Volunteer work, under professional supervision, in community programs for drug addiction, alcoholism, mental disability, developmental disability, juvenile delinquency, or tutoring. Repeatable for a maximum of 6 units. Credit/No Credit grading.

PSYC 199

Indepedent Study in Psychology

1 - 3 units; 3 - 9 hours lab

Independent study courses for students interested in specialized reading or research in psychology.

CSU, UC

PSYC 200

Forensic Psychology 3 units; 3 hours lecture

Course covers major areas of mental health services within the practice of psychiatric care of people confined under criminal and civil commitment in California. It surveys statutory and case law related to mental health services in California courts, jails, prisons, mental hospitals, and community placements. The focus will be on D.S.M. - IV diagnosis frequently associated with criminality, with attention to assessment, intervention, treatment principles and practices, and preparation for trial. CSU

PSYC 298

Selected Topics in Psychology

1 - 3 units;

Topics in psychology not covered by regular catalog offerings. Course content and unit credit to be determined in relation to community/student needs and available staff. May be offered as a seminar, lecture, or lecture/lab class.

CSU, UC

Respiratory Care

RESP 120

Respiratory Care Theory I

6 units; 6 hours lecture

Students will receive instruction in the theoretical foundations of respiratory care. The course will cover the anatomy and physiology of the respiratory system, the mechanics of breathing and acid-base balance.

Prerequisite: CHEM 110 and MATH 90

CSU

RESP 130

Respiratory Care Laboratory I

1.5 units; 3 hours lab

The integrated laboratory work will develop the student's knowledge and technical skills. The course will cover oxygen therapy and delivery devices, airway clearance techniques,

in neonatal and pediatric mechanical ventilation. The course will cover application and management of state-of-the-art ventilators.

Corequisites: RESP 220 and RESP 251

(part-time students only)

ĊSU

RESP 230

Respiratory Care Topics I

1 unit; 1 hour lecture

Students will receive instruction by guest lectures. The course will cover acute respiratory failure, X-ray interpretation, and therapeutic procedures.

Prerequisites: RESP 180 and RESP 190

CSU

RESP 240

Respiratory Therapy 4

15 units; 9 hours lecture, 19 hours lab

Care and treatment of the acutely ill cardiopulmonary patient. Covers advanced oxygen therapy, humidification, nebulization, ventilators and ventilatory care and neonatal pediatric care. Pulmonary function testing will also be covered.

Prerequisite: RESP 124

CSU

RESP 241

Respiratory Therapy 5

15 units; 9 hours lecture, 19 hours lab

In-depth instruction in critical care, monitoring and care of the acutely ill cardiopulmonary patient, cardiopulmonary function testing and pulmonary rehabilitation.

Prerequisite: RESP 240

CSU

RESP 250

Respiratory Care Clinical IV

2.5 - 5 units; 8 hours lecture

Students will receive supervised clinical experience in the care of patients with cardiopulmonary disease. The course will cover the practical application of theory and techniques. Students will work primarily in the adult critical care areas of the hospital. Full-time students must complete the 5.0-unit option. Part-time students complete only 2.5 units.

Corequisite: RESP 200, RESP 210 and RESP

211 CSU

RESP 251

Respiratory Care Clinical V

2.5 units; 8 hours lab

Students will receive supervised clinical experience in the care of patients with cardiopul-

monary diseases. The course will cover the practical application of theory and techniques. Students will work primarily in the adult critical care areas of the hospital. This course is for students enrolled in the part-time program.

Prequisites: RESP 250

Corequisites: RESP 220 and RESP 221

CSU

RESP 260

Respiratory Care Theory IV

1 unit; 1.3 hours lecture; 14 weeks

Students will receive instruction in the monitoring and care of the acutely ill cardiopulmonary patient. The course will cover coronary care, electrocardiogram analysis, and hemodynamic monitoring.

Prerequisites: RESP 200, RESP 210, RESP 211, and RESP 250

211, and RESP 250

CSU

RESP 270

Advanced Respiratory Care Laboratory 1 unit; 3.3 hours lecture; 14 weeks

The integrated laboratory work will develop the student's knowledge and technical skills in advanced mechanical ventilation techniques. The course will cover advanced application and management of state-of-the-art and high frequency ventilators.

Prerequisites: RESP 200, RESP 210, RESP

211, and RESP 250

CSU

RESP 280

Respiratory Care Topics II

2 units; 2.7 hours lecture, 2.7 hours lab; 14

weeks

The students will receive instruction by guest lecturers. The course will cover acute respiratory distress syndrome, sepsis and advanced therapeutic procedures. Students will research and present patient case studies.

Prerequisites: RESP 200, RESP 210, RESP

211, and RESP 250

CSU

RESP 290

Respiratory Care Clinical VI

3 - 6 units; 12 hours lab; 14 weeks

Students receive supervised clinical experience in the care of patients with cardiopulmonary disease. Covers the practical application of theory and techniques. Students will work primarily in adult, neonatal, and pediatric critical care areas of the hospital. Full-time students must complete the 6.0-unit option. Parttime students complete only 3.0 units.

Corequisite: RESP 260

CSU

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Respiratory Therapy

RESP 291

Respiratory Care Clinical VII 3 units; 12 hours lab; 14 weeks

Students will receive supervised clinical experience in the care of patients with cardiopulmonary disease. The course will cover the practical application of theory and techniques. Students work primarily in adult, neonatal, and pediatric critical areas of the hospital. This course is for students enrolled in the part-time

Prerequisites: RESP 260 and RESP 290

CSU

RESP 292

Respiratory Care Preceptorship

2 units; 8 hours lab; 4 weeks

This course will provide a clinical environment for the student to integrate knowledge, skills, and work ethic. The student will assume increasing responsibilities under the supervision of a preceptor. This course will prepare the student for post-graduate employment.

CSU

Russian

RUSS 120 First Semester Russian 5 units; 5 hours lecture

SOCI 154 Criminology (cross-listed as ADMJ 154)

3 units; 3 hours lecture

Introduction to the theories of crime causation and the relationships between these theories and the practices of correctional, judicial, and law enforcement components of the criminal justice system.

CSU

SOCI 199 Independent Study in Sociology 1 - 3 units; 9 hours lab Independent study for students interested in

Continued work on language communication integrating listening, speaking, reading, and writing skills in real world contexts. Ongoing development of cultural awareness.

Prerequisite: SPAN 120 or equivalent

CSU, UC

SPAN 199

Independent Study in Spanish

1 - 3 units; 3 - 9 hours lab

An independent study course for students interested in specialized Spanish language study, reading or cultural research, or in completing a project that deals with an acceptaable topic in Spanish. Repeatable 3 times.

Prerequisite: SPAN 241

CSU, UC

SPAN 240

Third Semester Spanish

5 units; 5 hours lecture

CAN SPAN 8; CAN SPAN SEQ B w/ SPAN 241

The third part of a four-semester sequence of transfer level Spanish courses. This intermediate course is designed to consolidate and improve first-year skills through focused practice and synthesis. Course includes a variety of sustained reading selections for exposure to literature, culture, and other relevant topics. *Prerequisite: SPAN 121 or equivalent*

CSU, UC

SPAN 241

Fourth Semester Spanish

5 units: 5 hours lecture

CAN SPAN 10; CAN SPAN SEQ B w/ SPAN 240

The final part of the four semester sequence of transfer level Spanish courses. Continues consolidation and improvement of skills through focused practice and synthesis. Provides additional sustained reading selections for further exposure to literature and culture.

Prerequisite: SPAN 240 or equivalency CSU, UC

SPAN 280

Spanish for Native Speakers 1

3 units: 3 hours lecture

Designed for native speaders of Spanish who wish to improve their skills in reading and writing in Spanish, but open to other linguistically qualified students. Writing will be the main focus of the class, but grammar, spelling, speaking, and a variety of Spanish reading selections will also be included; as well as exposure to local and international Hispanic culture as a meaning system and common heritage of the U.S.

CSU, UC

SPAN 281

Spanish for Native Speakers 2

3 units; 3 hours lecture

Second in a series to develop skills in reading and writing in Spanish for native speakers of Spanish. Grammar and spelling instruction also included.

CSU, UC.

SPAN 298

Selected Topics in Spanish

1 - 3 units; 4 - 12 hours lecture/lab

Topics in Spanish not covered by regular catalog offerings. Course content and unit credit to be determined in relation to community/student needs. May be offered as a seminar, lecture, lecture/lab class.

CSU, UC

Spanish -Spoken Language

This series stresses oral and listening skills. May be taken separately or in conjunction with the academic courses.

SPAN 130

First Semester Spoken Spanish

3 units; 3 hours lecture

The course provides students with fundamental listening and speaking skills. In-depth study of grammatical concepts, with major emphasis on accurate pronunciation and intonation. Study of the life and culture of Spanish-speaking people.

Prerequisite: SPAN 120 or equivalent completed within the last two years. CSU

SPAN 131

Second Semester Spoken Spanish

3 units: 3 hours lecture

Pronunciation, vocabulary, listening, speaking, and grammar. Readings and conversations stress the culture and life of the Spanish speaking people.

Prerequisite: SPAN 130 or equivalent within the last two years.

CSU

SPAN 260

Third Semester Spoken Spanish

3 units; 3 hours lecture

Develops the student's ability to understand and communicate in Spanish on abstract as well as concrete topics. Emphasis on development of vocabulary, idioms, grammar, and

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Spanish Speech

cultural studies.

Prerequisite: SPAN 131 or equivalent within the last two years.
CSU

SPAN 261

Fourth Semester Spoken Spanish 3 units; 3 hours lecture

Advanced listening and speaking skills with emphasis on extemporaneous conversations, cultural studies, readings, grammar and letter writing.

Prerequisite: SPAN 260 or equivalent within the last two years.

CSU

Spanish - Special Courses

SPAN 100

Spanish for Health Professionals 1 (cross-listed as HEOC 185)

2 units; 2 hours lecture

Spanish most useful in health fields. For students who work in health fields and need to communicate with clients in Spanish. CSU

SPAN 101

Spanish for Health Professionals 2 (cross-listed as HEOC 186)

2 units; 2 hours lecture

Continued study of Spanish for health professionals who work in health fields and need to communicate with clients in Spanish.
CSU

SPAN 102

Spanish for Educators, Part 1

3 units; 3 hours lecture

Emphasis on Spanish oral language development within an appropriate context to meet pratical classroom and administrative needs for K-12 school system such as speaking on the telephone, conferencing with parents, interacting on the playground, etc. Will fulfill a portion of the CLAD and BCLAD certificate requirement; appropriate for non-native speakers or those who have not studied Spanish within the past 3 years. CSU

SPAN 103

Spanish for Educators, Part 2

3 units; 3 hours lecture

Continues oral and written language development to meet practical classroom and administrative needs for K-12 school system. Will fulfill a portion of the CLAD and BCLAD cer-

tificate requirement.

Prerequisite: Completion of Spanish for Educators, Part 1. Not recommended for students with one or more semesters of Spanish with an "A" or "B" grade within the past three years. CSU

Speech

SPEE 120

Interpersonal Communication

3 units; 3 hours lecture

CAN SPCH 8

Communication theory applied to intrapersonal and interpersonal communication. Interpersonal processes include self-concept, verbal and non-verbal communication, listening, language use, developing relationships and conflict resolution.

CSU

SPEE 122

Public Speaking

3 units; 3 hours lecture

CAN SPCH 4

Principles and application of researched and organized speaking, listening, persuasion and argumentation. Training in preparation, delivery, and evaluation of informative and persuasive speeches. Emphasizes audience analysis, using argumentation, critical thinking and organization and delivery principles. CSU, UC

SPEE 124

Career Communications

3 units: 3 hours lecture

The total human communication transaction with a focus on work related settings, including theory, self-concept, organizational and public speaking. The study and practice of group discussion for problem solving, conflict resolution, negotiation and interviewing. Oral presentations required.

SPEE 126

Intercultural Communication

3 units; 3 hours lecture

An introduction to the study of communication patterns of diverse American cultural groups. Course work will focus on the influences of one's sex, gender and ethnicity on communication and also on developing sensitivity to styles and patterns of behavior of both sexes and various cultural groups. CSU, UC

SPEE 128

199

Spanish Speech

Critical Thinking: Argumentation and

Phylloxera & Rootstocks 1 unit; 3 hours lecture; 6 weeks The selection of resistant rootstocks for grapes, including biology and control of soil pests,

Fundamentals of Enology

3 units; 3 hours lecture

An introduction to the science of winemaking, including history and geographical distribution; grape varieties and wine types; influence of climate and soil; wine fermentation, handling, storage and bottling methods; wine disorders; winery sanitation; legal compliance. Student must be at least 21 years of age in order to participate in wine tasting.

for a career in commercial winemaking. Lab fee will be assessed. Student must be at least 21 years of age in order to participate in wine tasting.

Prerequisite: VWT 180

CSU

VWT 271

Winery Management 3 units; 3 hours lecture

Fundamentals of winery management including the preparation of annual plans, budgets, labor management, legal compliance and recordkeeping.

CSU

VWT 272

Fundamentals of Wine Chemistry and

Courses Repeatable for Credit 2002-2004

Course	Times Repeatable	Course	Times Repeatable
Art 127, Painting 1	1	Heoc 380, Publi	ic Safety as topics
Art 128, Painting 2	1	1 1eoc 360,1 ubii	change
Art 135, Commercial Art and Des	ign 1 1	Jour 120 Nove	paper Production Lab 2
Art 136, Commercial Art and Des			Mathematics (6 units max) 4
Art 140, Freehand Sketching	1		,
Art 145, Sculpture	3	Tutori	entary Algebra Computer ial Lab 1
Art 147, Clay Sculpture	1		
Art 155, Beginning Ceramics	1		
Art 158, Kiln Design and Constru	ction 1	Musi 132, Com	8
Art 180, Printmaking	2	Musi 134, Singe	
Art 231, Mural Painting	1		
Art 233, Painting Workshop	2	Musi 135, Begii	duction to Piano 1
Art 235, Painting Studio	1		
Art 236, Pastel Painting	1	Musi 140, Begi	Inning Guitai I
Art 237, Life Drawng	3		nning Percussion 1
Art 255, Intermediate Ceramics	2		Inning String Instruments 1
Art 258, Ceramics Workshop	2		ruments for Majors 1
Art 259, Drawing and Painting or	Clay 3	Musi 160, Conc	J
Art 260, Art on the Computer	1		al Ensemble, Prima Voice 3
Biol 190, Natural History/Selected	Topics 4	Musi 162, Gosp	
Cfs 168, Early Childhood Worksho	p as topics	Musi 163, Stage	
· ·	change	Musi 164, Chor	
Cfs 196, Music in Early Childhood	2	Musi 166, Treb	la Chorus
Cisa 172, Typing Speed Developm	ent 3	Musi 170, Musi	
Cjt 280, Professional Security Off	icer Academy 1 2		ical Revue Workshop 3
Cjt 302, Administration of Justic	e as topics		earse & Perform Lab: Strings 3
Skills and Knowledge Mo	dular change		ertory Orchestra 3
Dram 120, Techniques of Acting	1		earse & Perform Lab: Winds 3
Dram 135, Commercial Acting	1		ertory Wind Ensemble 3
Dram 140, Intro to Documentary V		Musi 181, Jazz	
Dram 150, Theatre Performance	3	Musi 185, Stage	
Dram 151, Touring Theatre Work	shop 3		c in Early Childhood Education 2
Dram 152, Children's Theatre Wo		Musi 230, Inter	
Dram 153, Musical Theater Produ		Musi 232, Adva	
Dram 155, Dance Theater Product		Musi 235, Inter	
Dram 160, Theatre Workshop	3		ermediate Guitar 1
Dram 161, Shakespeare Performa			ermediate Winds & Brass 1
Workshop: Comedy	3		rmediate Percussion 1
Dram 162, Shakespeare Performa		1	ermediate String Instruments 1
Workshop: Drama	3		ruments for Majors 1
Dram 170, Theater Laboratory	3	Nurs 100, Nurs	
Dram 201, Producing and Directin			ravel & Doc Photography 3
Television	3		169 & 176 - 178, 271,272
Dram 220, Acting Shakespeare	1	Phye 285 - 297	3
Dram 240, Intermediate Acting 1		Pleg 300, Nego	tiations once yearly
Dram 244, Acting Workshop	3	Pleg 301, Media	
Engl 12, Reading Skills (4 units		Pleg 302, Medi	
Engl 14, Spelling (4 units max)	1-3		Dispute Resolutions once yearly
Engl 17, Computer Composition		Poli 350, Leade	
Engl 84, Supervised Writing Lab		Psyc 10, Learni	
E. Jor D. J. D. J.	change	Psyc 15, Group	0 0
Engl 85, Basic Reading and Writ			en's Issues Workshop 3
Geol 190, Special Field Trips in Ge			al Projects (6 units max) 1-3
Heoc 364, EMT Refresher	every two years		ent Topics in Winemaking as topics
Heoc 376, Skills Assessment	1		change
		Woex 190, Wo	ork Experience Seminar 4

199 Courses (Independent Study) Sudents may earn a total of 12 units with a max.of 3 units per semester. Therefore, 199 courses are repeatable 3 times.

298 Courses (Selected Topics)
298 courses may be repeated as the course topic and course content change.

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Welding Repeatable Courses

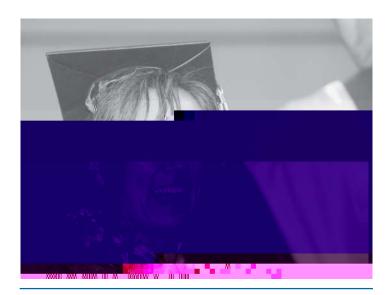


FACULTY AND STAFF

By the time you have reached this point in the catalog, you have an idea of what Napa Valley College stands for and what you hope to achieve here. You are familiar with the kinds of support you can expect from the faculty and staff at Napa Valley College.

Some students naturally seek out whatever help is available to them. They know from experience that it works to their advantage. The faculty and staff at Napa Valley College would like to encourage all students to do the same. Faculty hold regularly scheduled office hours to provide individual attention and focused academic assistance. Administrators, too, welcome personal interaction with students. And classified staff enjoy giving students extra help whenever they need it.

Napa Valley College faculty, administration, and classified staff are confident that we can make a significant contribution to your college career. Get to know us. We think students are, quite simply, the most important people on campus!



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